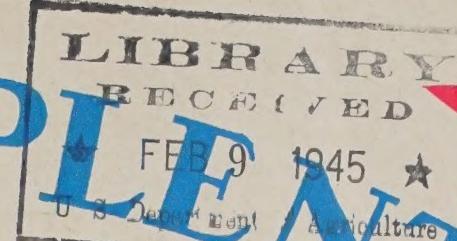


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PEACE with PLENTY  
for all  
PEOPLE



1945



SPRINGFIELD SEED CO.  
SPRINGFIELD, MISSOURI  
Satisfactory Seed Service Since 1896

MISSOURI PERMIT No. 1

# Vegetables



## SEEDS

### BEETS

**DETROIT DARK RED PERFECT-ED.** 54 days. Globe-shaped root, dark blood-red color, smooth skin. Flesh uniform in color and remains tender and of highest quality until roots are full grown. Pkt. 10c.



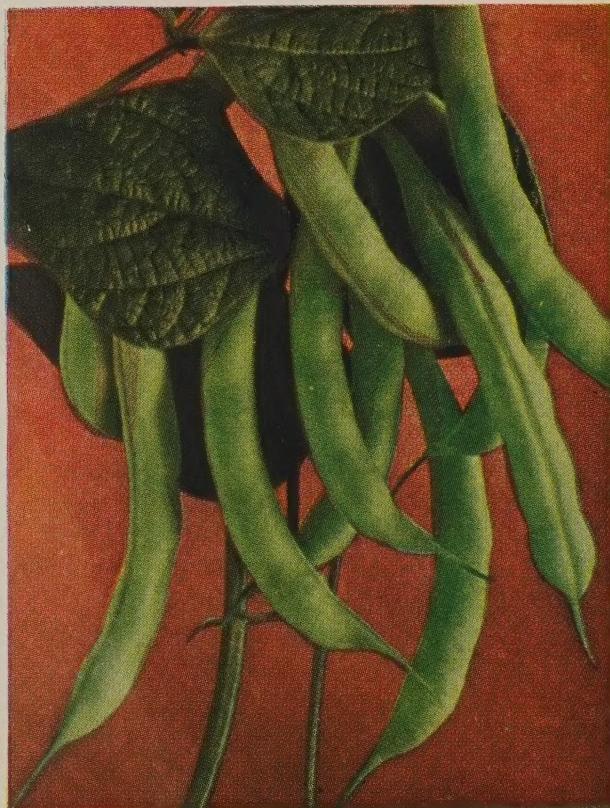
### LETTUCE

**NEW YORK (Wonderful).** 70 days. This is the head Lettuce your grocer sells. It has a habit of forming a very good-sized, compact head and is the largest of all of the head Lettuce. It often weighs 2 to 3 pounds. The heart is very solid and of a pleasing dark green color. The leaves are large and crumpled. Ready for market in 65 to 70 days from planting time. Pkt. 10c.



### CARROTS

**NEW BUNCHING.** Tops short, roots are  $1\frac{1}{4}$  to  $1\frac{1}{2}$  inches in size, almost cylindrical, rounded shoulders, and are well stumped. Developed for market gardeners as a bunching Carrot. Good shipper. Pkt. 20c.



## STAR BRAND ★

### BEANS

**LANDRETH'S STRINGLESS.** 53 days. 6 in., slightly curved, round, dark green fleshy pods, stringless, seeds brown. Pkt. 10c.



### RADISHES

**CRISP, SWEET and TENDER.** A small patch of ground will give you a lot of Radishes. Pkt. 5c.

# REFINING PLANT AND OFFICE

MAIN PLANT  
AND OFFICE  
315 - 17 - 19 N.  
MAIN.



This Modern Plant has been especially planned and built with only one thing in mind—the economical receiving, refining, packing and shipping of Star Brand Seeds. In this Modern Plant are also our office and up-to-date Seed Laboratory where each lot of seed is tested for Purity and Germination.



STORE AND FLORAL DEP'T.  
Corner Campbell and Walnut Streets

## STORE AND FLORAL DEPARTMENT

Your order from this Catalog will receive our careful attention and be immediately sent to you.

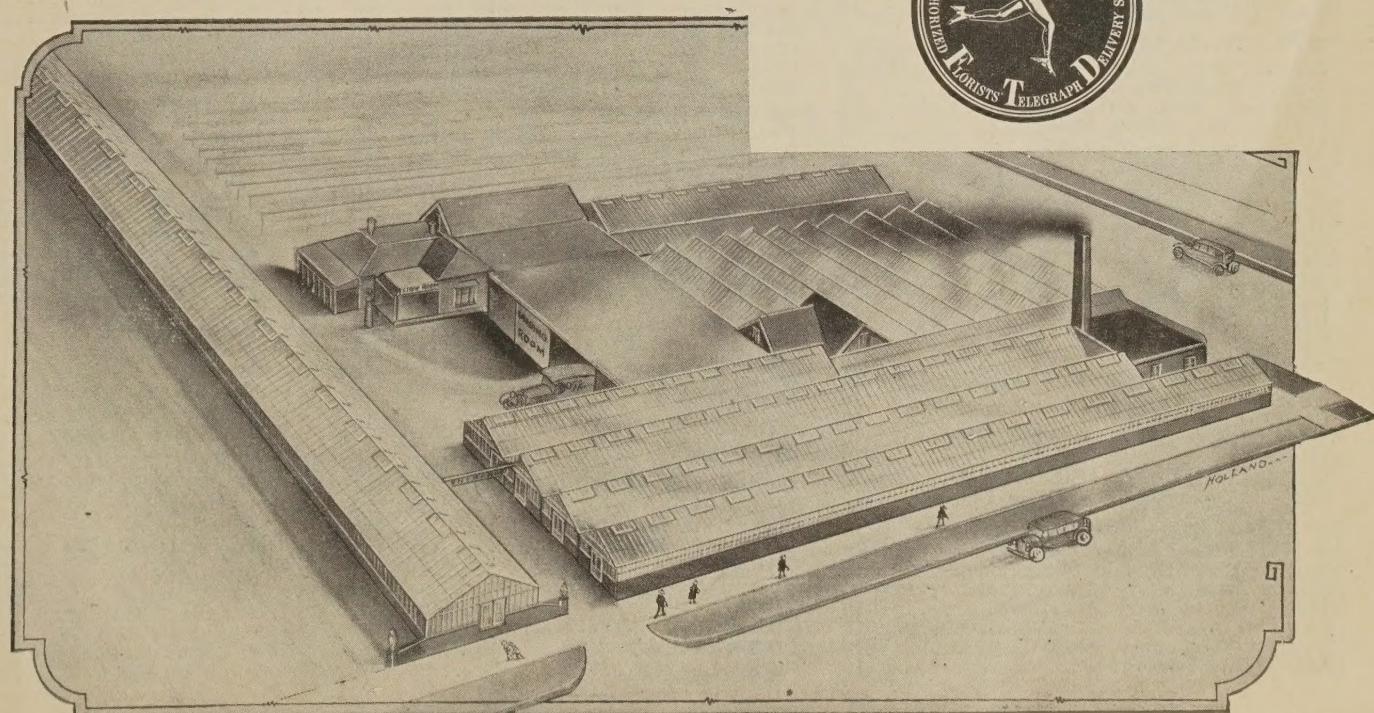
Our Floral Department can serve you in Springfield or any place in the world through the Floral Telegraph Delivery Service.



## GREEN HOUSES

Where hundreds of soil tests are made to check the dependability of Star Brand Seeds — before shipment is made of your order.

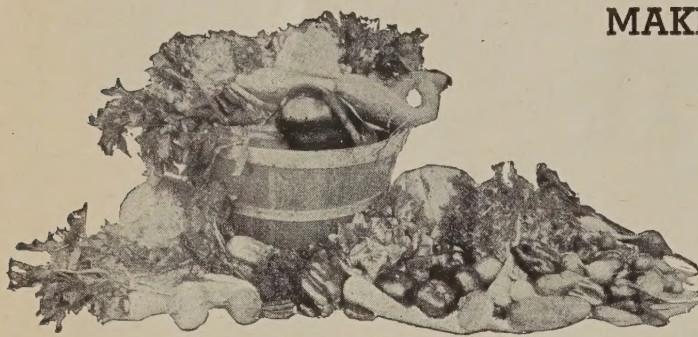
Order Star Brand Seeds and be sure.



★ Star  
Brand ★

# VEGETABLE SEED

Plant for Health  
and Profit . . .



## MAKE YOUR GARDEN WORK THE YEAR AROUND

For Best Results Plant STAR BRAND SEED

Many people think that seeds cannot be planted any other time than in April and May. This is far from true. The wide-awake gardener begins sowing as early in the spring as possible and sows succession crops throughout the summer and until late in the fall. Succession crops are most important, since they provide fresh vegetables for fall and winter use. A cellar full of stored vegetables is a good investment. Grow all the vegetables your garden can produce. Eat them fresh, evaporate them, can them, store them, and be independent of high food prices.

TREAT BEFORE PLANTING WITH  
**SEMESAN**  
FOR DISEASE PROTECTION

## OUR COMPLETE LINE OF STANDARD GARDEN SEEDS

CAN BE ORDERED IN PACKETS OR BULK. WRITE FOR PRICES IN LARGE QUANTITIES.

ALL GARDEN SEED POSTPAID.

### BUSH BEANS—Green Pod

	Pkt.	SWEET CORN—(Continued)	Pkt.	CUCUMBER	Pkt. Oz.
Bush Kentucky Wonder	.15	Stowell's Evergreen, surest	.10	Evergreen White Spine	.05 .20
Full Measure	.10	Black Mexican	.10	Improved Long Green	.05 .20
Bountiful	.10	Golden Sunshine	.10	Westerfield's Chicago Pickle	.05 .20
Red Kidney	.10	Howling Mob	.10	Early Cluster	.05 .20
Giant (Stringless)	.10	Golden Giant	.10	Early Frame	.05 .20
Burpee's Stringless	.10	Golden Evergreen	.10	Boston Pickling	.05 .20
Knife Blade	.10	Early Evergreen	.10	Early Fortune	.05 .20
Early Yellow Six Weeks	.10	POP CORN	Pkt. Oz.	Japanese Climbing	.05 .20
Landreth's Stringless	.10	Japanese Hulless	.10	Gherkin	.05 .20
Refugee Stringless	.10	Dynamite, S. American	.10	Davis Perfect	.05 .20
Imp. Red Valentine	.10	ASPARAGUS	Pkt. Oz.	White Wonder	.05 .20
Tender Green Stringless	.10	Mary Washington	.05 .15	Snow's Perfection	.05 .20
Tennessee Green Pod	.10	Palmetto	.05 .15	Eggplant	
Dwarf Horticulture	.10	BEETS		New York Improved	.10 .40
Henderson's Bush Lima	.10	Banquet Table	.10 .20	Black Beauty	.10 .40
Burpee's Bush Lima	.10	Egyptian Early Blood Turnip	.10 .20	ENDIVE	
Fordhook Bush Lima	.15	Eclipse	.10 .20	Green Curled Mammoth	.05 .20

### WAX BEANS—Bunch

	Pkt.	SWEET CORN—(Continued)	Pkt.	CUCUMBER	Pkt. Oz.
Dwarf Golden Wax	.10	Stowell's Evergreen, surest	.10	Evergreen White Spine	.05 .20
Pencil Pod Wax	.10	Black Mexican	.10	Improved Long Green	.05 .20
Challenge Black Wax	.10	Golden Sunshine	.10	Westerfield's Chicago Pickle	.05 .20
Currie's Rust Proof Wax	.10	Howling Mob	.10	Early Cluster	.05 .20
Davis Kidney Wax	.10	Golden Giant	.10	Early Frame	.05 .20
Round Pod Kidney Wax	.10	Golden Evergreen	.10	Boston Pickling	.05 .20
Wardwell's Kidney Wax	.10	Early Evergreen	.10	Early Fortune	.05 .20
Kentucky Wonder Wax, pole	.10	POP CORN	Pkt. Oz.	Japanese Climbing	.05 .20

### BEANS—Pole or Running

	Pkt.	SWEET CORN—(Continued)	Pkt.	CUCUMBER	Pkt. Oz.
White Cornfield	.10	Stowell's Evergreen, surest	.10	Evergreen White Spine	.05 .20
White Creaseback	.10	Black Mexican	.10	Improved Long Green	.05 .20
Striped Creaseback	.10	Golden Sunshine	.10	Westerfield's Chicago Pickle	.05 .20
Kentucky Wonder	.10	Howling Mob	.10	Early Cluster	.05 .20
Kentucky Cut Short	.10	Golden Giant	.10	Early Frame	.05 .20
Horticultural Pole	.10	Golden Evergreen	.10	Boston Pickling	.05 .20
Lazy Wife	.10	Early Evergreen	.10	Early Fortune	.05 .20
Dutch Case Knife	.10	POP CORN	Pkt. Oz.	Japanese Climbing	.05 .20
Large White Lima	.10	Japanese Hulless	.10	Gherkin	.05 .20
King of the Garden	.10	Dynamite, S. American	.10	Davis Perfect	.05 .20
Sieva Lima	.10	ASPARAGUS	Pkt. Oz.	White Wonder	.05 .20
Speckled Lima	.10	Mary Washington	.05 .15	Snow's Perfection	.05 .20
Missouri Wonder	.10	Palmetto	.05 .15	Eggplant	
White Kentucky Wonder	.10	BEETS		New York Improved	.10 .40
Navy	.10	Banquet Table	.10 .20	Black Beauty	.10 .40
Giant Podded Speckled Lima	.10	Egyptian Early Blood Turnip	.10 .20	ENDIVE	

### PEAS—Wrinkled Sorts Marked \*

	Pkt.	SWEET CORN—(Continued)	Pkt.	CUCUMBER	Pkt. Oz.
Alaska, 2-ft.	.10	Stowell's Evergreen, surest	.10	Evergreen White Spine	.05 .20
Dwarf Tom Thumb, 12-in.	.10	Black Mexican	.10	Improved Long Green	.05 .20
First and Best, 2-ft.	.10	Golden Sunshine	.10	Westerfield's Chicago Pickle	.05 .20
Philadelphia Extra, Early.	.10	Howling Mob	.10	Early Cluster	.05 .20
*Bliss American Wonder	.10	Golden Giant	.10	Early Frame	.05 .20
*Little Gem, 18-in.	.10	Golden Evergreen	.10	Boston Pickling	.05 .20
*Nott's Excelsior, 15-in.	.10	Early Evergreen	.10	Early Fortune	.05 .20
*Horsford's Market Garden	.10	POP CORN	Pkt. Oz.	Japanese Climbing	.05 .20
*Stratagem, 3-ft.	.10	Mary Washington	.05 .15	Gherkin	.05 .20
*Telephone, 4-ft.	.10	Palmetto	.05 .15	Davis Perfect	.05 .20
*Champion of England, 5-ft.	.10	BEETS		White Wonder	.05 .20
*Bliss Everbearing, 2-ft.	.10	Banquet Table	.10 .20	Snow's Perfection	.05 .20
Large White Marrowfat, 5-ft.	.10	Egyptian Early Blood Turnip	.10 .20	Eggplant	
Black Eyed Marrowfat, 5-ft.	.10	Eclipse	.10 .20	New York Improved	.10 .40
*Gradus, 3-ft.	.10	Detroit Dark Red Turnip	.10 .20	Black Beauty	.10 .40
*Thomas Laxton, 3-ft.	.10	Improved Early Blood Turnip	.10 .20	ENDIVE	
*Laxton's Progress, 18-in.	.10	Long Smooth Blood Red.	.10 .20	Green Curled Mammoth	.05 .20
*Little Marvel, 18-in.	.10	Swiss Chard Lucullus.	.10 .20	Ever-White Mammoth	.05 .20
*Potlatch, 3-ft.	.10	Early Wonder	.10 .20	KALE	
*Yorkshire Hero, 2½-ft.	.10	Fire Ball	.10 .20	Dwarf Green Curled Siberian	.10 .30
*Laxtonian, 20-in.	.10	MANGEL WURZEL		Dwarf Curled Scotch	.10 .30
Dwarf Grey Sugar (Edible Pod)	.10	Mammoth Long Red.	.10 .20	KOHL-RABI	
Tall Melting Sugar (Edible Pod)	.10	Golden Tankard	.10 .20	White Vienna	.10 .50

### SWEET CORN—Northern Grown

	Pkt.	SWEET CORN—(Continued)	Pkt.	CUCUMBER	Pkt. Oz.
Early Minnesota, early dwarf	.10	Red Globe	.10 .20	EGGPLANT	
Early Mammoth, 2nd early	.10	Improved White Sugar.	.10 .20	New York Improved	.10 .40
Adams' Early	.10	BRUSSELS SPROUTS	Pkt. Oz.	Black Beauty	.10 .40
Adams' Extra Early, earliest	.10	Hercules	.10 .30	ENDIVE	
Golden Bantam	.10	BROCCOLI		Green Curled Mammoth	.05 .20
Country Gentleman, Shoe Peg	.10	Mammoth White	.10 .60	Ever-White Mammoth	.05 .20
Late Mammoth, large	.10	CABBAGE		KALE	

### CAULIFLOWER

Extra Small Leaved Erfurt	.25	...
Early Snowball, true	.25	...

### CARROTS

Chantenay	.10	.25
Extra Early French Forcing	.10	.25
Ox Heart	.10	.25
Danvers	.10	.25
Long Orange Improved	.10	.25
New Coreless	.10	.25

### CELERY

Giant Pascal	.15	.40
Golden Self Blanching, true	.15	.40
White Plume	.15	.40
Dwarf Golden Plume	.15	.40
Celery for Flavoring	.15	...

### CELERIAC

Turnip Rooted	.10	.40
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### COLLARDS

Georgia	.05	.15
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### CORN SALAD

Large Leaved	.05	.15
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### WATERMELON

Sweetheart	.05	.15
Long Dixie	.05	.15
Wonderful Sugar	.05	.15
Cuban Queen	.05	.15
Georgia Rattlesnake	.05	.15
Kolb's Gem	.05	.15

★ Star Brand ★ VEGETABLE SEED Springfield Seed Co. . . .

Order Your Garden Seed Early. Several Varieties of Garden Seed Are Very Short.

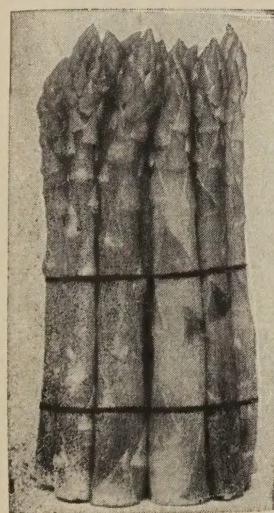
WATERMELONS—(Continued)		Pkt.	Oz.	PUMPKINS—(Continued)		Pkt.	Oz.	TOMATOES—(Continued)		Pkt.	Oz.
Mountain Sweet	.05	.15		Large Cheese, all purpose	.05	.20		John Baer	.10	.25	
Peerless, or Ice Cream	.05	.15		Tennessee Sweet, for pies	.05	.20		Dwarf Stone	.10	.40	
Florida Favorite	.05	.15		Japanese Pie, for pies	.05	.20		Acme	.10	.40	
Special Kleckley Sweet	.10	.15		Jonathan, for pies	.05	.20		Livingston's Beauty	.10	.25	
Kleckley Sweet	.05	.15		Small Sugar, for pies	.05	.20		Livingston's Perfection	.10	.25	
Alabama Sweet	.05	.15		King of Mammoth, for pies	.05	.20		Livingston's Globe	.10	.40	
Halbert's Honey	.05	.15		White Cushaw, for pies	.05	.20		Dwarf Champion	.10	.40	
Special Halberts	.10	.15		Striped Cushaw, for pies	.05	.20		Sparks Earliana	.10	.40	
Tom Watson	.05	.15		RHUBARB				Crimson Cushion	.10	.50	
Special Tom Watson	.10	.15		Victoria	.10	.20		Ponderosa	.10	.50	
Special Irish Gray	.10	.15		Linnaeus	.10	.20		Yellow Ponderosa	.10	.50	
New Wonder	.05	.15		RADISHES—French Grown Seed				Dwarf Ponderosa	.10	.50	
Stone Mountain	.05	.15		Vick's Scarlet Globe	.05	.20		Bonny Best	.10	.40	
Golden Honey (Yellow)	.05	.15		Crimson Giant Forcing	.05	.20		June Pink	.10	.40	
Angel Kiss	.05	.15		Early Scarlet White Tipped	.05	.20		Chalk's Early Jewel	.10	.40	
Winter Melon	.05	.15		Early Scarlet Turnip	.05	.20		Marglobe	.10	.40	
Citron	.05	.15		St. Louis Summer	.05	.20		Marglobe Certified	.10	.50	
ONION				French Breakfast	.05	.20		Golden Queen (yellow)	.10	.50	
Large Red Wethersfield	.15	.50		Long Scarlet Short Top	.05	.20		Beefsteak	.10	.50	
Southport Red Globe	.15	.50		White Strassburg	.05	.20		Gulf State Market	.10	.40	
Southport White Globe	.15	.50		Icicle	.05	.20		Rutgers	.10	.40	
Yellow Danvers, flat	.15	.50		White Vienna, or Lady Finger	.05	.20		Norton Wilt Resistant	.10	.40	
White Portugal, or Silver Skin	.15	.50		Chartier Improved	.05	.20		Oxheart	.10	.50	
Danvers Yellow Globe	.15	.50		Round Black Spanish	.05	.20		Break O' Day	.10	.50	
Yellow Bermuda	.15	.50		California White Winter	.05	.20		Pear Shaped Red	.10	.40	
Prize Taker, or Spanish King	.15	.50		China Rose Winter	.05	.20		Pear Shaped Yellow	.10	.40	
Crystal White Wax	.15	.50		Sparkler (White Tip)	.05	.20		Strawberry or Husk	.10	.40	
Sweet Spanish	.15	.50		SALSIFY				Yellow Plum	.10	.40	
Denia (Imp. Prize Taker)	.15	.50		Mammoth Sandwich Island	.10	.25		TURNIPS			
MUSTARD				SPINACH				Extra Early Purple Top Milan	.05	.15	
Ostrich Plume	.05	.20		Bloomsdale Savoy Leaved	.05	.20		Extra Early White Top Milan	.05	.15	
Black or Brown	.05	.20		Round Thick Leaf	.05	.20		Early White Flat Dutch	.05	.10	
White	.05	.20		All Season	.05	.20		Purple Top Strap Leaf	.05	.10	
Chinese Curled	.05	.20		New Zealand	.05	.20		Purple Top White Globe	.05	.10	
Giant Southern Curled	.05	.20		SQUASH				Snow Ball	.05	.10	
OKRA OR GUMBO				Yellow Bush	.05	.20		Pomeranian White Globe	.05	.10	
Long Green	.05	.15		White Bush Mammoth	.05	.20		White Egg	.05	.10	
White Velvet	.05	.15		Giant Summer Crookneck	.05	.20		Amber Globe	.05	.10	
Mammoth Pod	.05	.15		Winter Crookneck	.05	.20		Cowhorn	.05	.10	
PARSLEY				Hubbard	.05	.20		Yellow Globe	.05	.10	
Moss Curled, very fine	.05	.20		Golden Hubbard	.05	.20		Seven Top	.05	.10	
Triple Curled	.05	.20		Chicago Warty Hubbard	.05	.20		Shogoin Louse Resistant	.05	.10	
PARSNIPS				Mammoth Hubbard	.05	.20		RUTABAGAS, OR SWEDISH TURNIP			
Hollow Crown	.05	.20		Delicious	.05	.20		American Purple Top	.05	.10	
Long Smooth	.05	.20		Fordhook, Veg. Marrow	.05	.20		White Russian	.05	.10	
White Dutch	.05	.20		Sweet Potato	.05	.20		SWEET PEAS			
PEPPERS				Banana	.05	.20		Choice Mixed	.05	.10	
Chinese Giant	.10	.45		TOBACCO				Spencer Mixed	.10	.20	
Pimento	.10	.45		Yellow Pryor	.10	.50		NASTURTIUMS			
Large Bell, or Bull Nose	.10	.45		Red Burley	.10	.50		Tall Mixed	.10	.20	
Cayenne, long red	.10	.45		Missouri Broad Leaf	.10	.50		Dwarf Mixed	.10	.20	
Cayenne, small	.10	.45		Big Havana	.10	.50		Castor Beans, Flowering	.10	.20	
Golden Queen	.10	.45		One Sucker	.10	.50		HERBS			
Sweet Mountain	.10	.45		Judy's Pride	.20	1.00		Dill	.10		
Ruby King	.10	.45		TOMATOES				Fennel	.10		
California Wonder	.10	.45		(High Class Tested Stock for Canners)				Sage	.10		
Red Chile	.10	.45		New Stone	.10	.25		Summer Savory	.10		
PUMPKINS				Greater Baltimore	.10	.25		Chicory	.10		
Common Field, Stock	.05	.20		Matchless	.10	.25		Horehound	.10		
Kentucky Field, stock	.05	.20		Red Rock	.10	.25		Saffron	.10		

Stocks Offered Subject to Supply Being Available on Receipt of Order . . . Prices Subject to Change Without Notice.

### ASPARAGUS

Pkt.  
5c

Oz.  
15c



Martha Washington

CULTURE—Asparagus, which is one of our earliest spring vegetables, is also one of the most widely appreciated and extensively cultivated. Can be grown in any soil which is not too wet. Seed should be sown in March or April, in rows 14 inches apart, and lightly covered with a layer of soil  $\frac{1}{2}$  to  $\frac{3}{4}$  inch deep. When the seed is up they should be thinned out. Prepare permanent bed by digging a trench 18 inches wide and 20 inches deep. Fill one-third full with well rotted manure and tramp it down. Half fill remaining space with good soil, and set the root clumps of the Asparagus, one foot apart. Cover roots to surface with good soil. The stalks should not be cut until a year after planting and then but lightly. Full harvest may be taken after this.

WASHINGTON. A vigorous growing and very productive variety which has been bred to resist the disease known as "Asparagus Rust." The shoots are thick and heavy. They are long and straight, with closely folded tips. The color is rich dark green, tinted darker at the tips.

PALMETTO. Of very large size, even and regular in growth and appearance. A very early sort immensely productive and of the best quality.

### ASPARAGUS ROOTS

2 years old. We can furnish Washington roots at 25 Roots, 95c; 100 Roots, \$3.35; Prepaid.

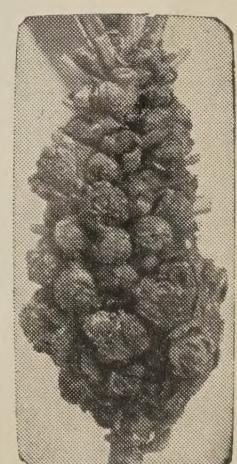
### BROCCOLI

ITALIAN GREEN SPROUTING. A distinct variety for the home garden. Plant forms a central head, fairly compact cluster of flower buds resembling cauliflower except that it is green in color. Center head can be cut about sixty days after planting and smaller heads on side branches throughout the summer. Delicious and healthful. Pkt., 10c; 1 oz., 60c.

### BRUSSELS SPROUTS

One of the most delicious garden vegetables. Plant in 3-foot rows,  $\frac{1}{2}$  to 2 feet apart. One ounce will produce about 200 plants. Cultivate same as cabbage. Autumn grown sprouts, drilled in May and transplanted in July, generally do the best, as the plants are quite hardy and the buds mellow under frost.

DWARF IMPROVED. A variety producing compact sprouts of excellent quality. Pkt., 10c; oz., 30c.

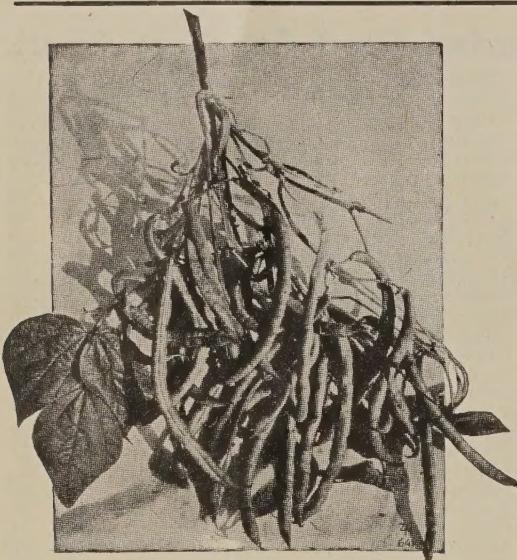


Brussels Sprouts

★ Star Brand . . .  
fresh tender green

★ BEANS ★

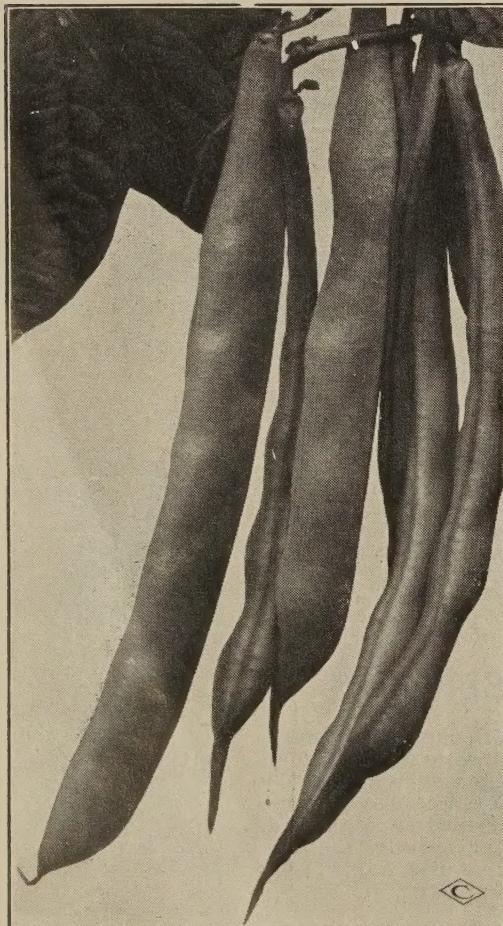
All Summer from  
Your Own Garden



BUSH KENTUCKY WONDER

**BUSH KENTUCKY WONDER.** New bush form of Kentucky Wonder with same flavor as the pole bean. Big, long stringless green pods; a heavy bearer. Be sure to try this bean. Pkt., 15c.

**CULTURE**—Beans are sensitive to both cold and wet, so do not plant till the ground is warm. To have a continuous supply plant every two weeks from the time the ground gets warm till the middle of August; farther south they may be planted even later. Make the rows 2 and 3 feet apart, drop the beans 3 inches apart and cover  $1\frac{1}{2}$  to 2 inches deep. Give frequent but shallow cultivation up to blooming time, not afterward, and never when the plants are wet. Plant in a light loamy soil that warms up quickly. One pound plants 60 feet; 100 pounds will plant an acre.



BURPEE'S STRINGLESS GREEN POD

GREEN PODDED BUSH

Pkt., 10c

**LANDRETH'S STRINGLESS.** 53 Days. 6 in., slightly curved, round, dark green fleshy pods, stringless, seeds brown.

**BOUNTIFUL.** Six Weeks, 50 Days. 8-in. straight broad flat light green pod, stringless.

**BURPEE'S STRINGLESS.** 55 Days. 5-in. curved round green fleshy pod, stringless.

**FULL MEASURE.** 54 Days. 6-in. fairly straight dark green round pod, stringless.

**GIANT STRINGLESS.** 54 Days. 6-in. round fairly straight light green pod, stringless.

**RED VALENTINE.** 54 Days. 6-in. fairly straight green pod, strings.

**TENNESSEE GREEN POD.** 52 Days. 8-in. flat very broad dark green pod, strings.

**TENDERGREEN.** 54 Days. The pods are long, light green in color, round and absolutely stringless. Yields a heavy crop of early beans.

**PLENTIFUL.** 48 Days. Dark green pods 6 to 8 in. long. Free from strings at all stages of growth.

**STREAMLINER.** (New.) 50 Days. A tender flat pod bean 8 to 10 inches long. White seeded. Its long pods are stringless and quite free from fibre. Pkt., 15c.



HENDERSON BUSH LIMA

BUSH LIMA

**BURPEE'S.** 77 Days. Strong vigorous pods, beans medium size.

**FORDHOOKS.** 75 Days. Erect heavy producing vine. Pods 4 to  $4\frac{1}{2}$  inches long.

**HENDERSON.** 65 Days. Medium height, compact vine. 3-in. pod, small seeded.

**SPECKLED.** 65 Days. Very prolific and hardy. Plant resembles Henderson's.

WAX BUSH

**GOLDEN WAX.** 48 Days. 4 $\frac{1}{2}$ -in. thick creamy pods, stringless.

**KENTUCKY WONDER WAX (Pole).** 68 Days. 8-in. large thick creamy pods, stringless.

**PENCIL POD WAX.** 58 Days. 6 $\frac{1}{2}$ -in. round curved yellow pods, stringless.

★ Special ★  
All Prices Subject to  
Change and OPA  
Ceilings



POLE LIMA

**KING OF THE GARDEN.** 88 Days. Strong growing and large podded, 4 to 5 beans.

**SIEVA (Carolina).** 77 Days. Early, hardy, productive and a continuous bearer. Very popular.

**SPECKLED.** 90 Days. A small seeded dependable prolific variety, popular.

**GIANT PODDED SPECKLED.** 90 Days. The largest podded Lima we know of. Pods measuring 7 inches long by  $1\frac{1}{2}$  inches broad. Try a packet of these.

POLE or RUNNING

**KENTUCKY WONDER.** 70 Days. 9-in. round curved pod, strings.

**KENTUCKY WONDER (White).** 70 Days. 7-in. round brittle pods, stringless.

**KENTUCKY CUT SHORT.** 72 Days. 4-in. straight flat pods, strings.

**DUTCH CASE KNIFE.** 65 Days. 8-in. straight flat pods, strings.

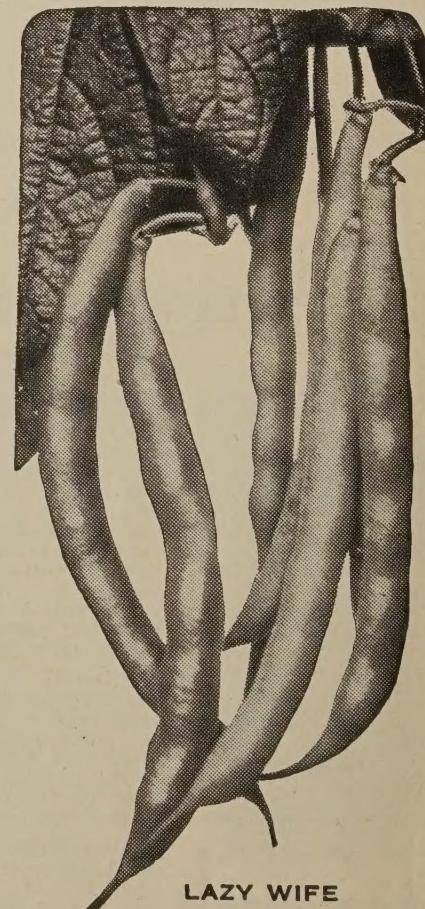
**LAZY WIFE.** 75 Days. 6-in. straight fleshy pods, stringless.

**MISSOURI WONDER.** 66 Days. 5-in. flat curved pods, productive, strings.

**STRIPED CREASEBACK.** 70 Days. 6 $\frac{1}{2}$ -in. straight round pods, strings.

**WHITE CREASEBACK.** 65 Days. 5 $\frac{1}{2}$ -in. round curved pods, nearly stringless.

ALL GARDEN SEED POSTPAID.  
SEE PAGE 2 FOR COMPLETE  
GARDEN SEED LIST.

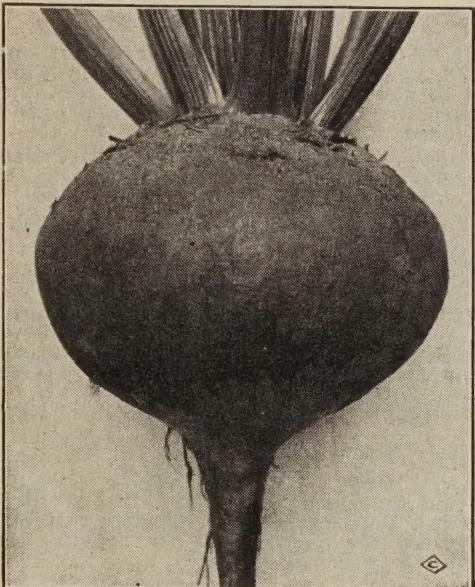


LAZY WIFE

★ Have Beets All Winter

★ BEETS ★

Star Brand ★



DETROIT DARK RED

**MANGEL WURZEL and SUGAR BEETS**

Pkt.	Oz.
10c	20c

Sugar Beets and Mangels are of great value for stock feeding, because of the improved health and condition of the animals, increased flow and quality of milk, and because of the saving in fodder. The yield is enormous, and the cost of growing is trifling. Grow a patch of them for winter feed. They are also excellent for poultry.

**LONG RED MAMMOTH** (Norbiton Giant). Attains enormous size; producing thirty to fifty tons to the acre. Root nearly cylindrical in shape, light red, growing well above ground; flesh white and rose colored.

**GOLDEN TANKARD**. Roots large, nearly cylindrical in shape, narrowing abruptly at both ends; skin deep orange-yellow; flesh zoned yellow and white; sweet and productive.

**VILMORIN'S IMPROVED SUGAR**. An improvement on the White French Sugar; used extensively for making beet sugar.

**BEETS ALL WINTER**

Late sown Beets may readily be kept for winter use, if packed in a slightly moist soil or sand in a cool cellar. We recommend Detroit Dark Red for this purpose.

**CHINESE CELERY or CABBAGE**

Pe Tsai—Chihli

**CULTURE**—About 65 days. Sow last half of July or first of August for best results in this section. When matured this plant resembles cos lettuce more than cabbage. Used in salads or may be cooked like cabbage or asparagus. Plants should be banked as they grow, or the leaves tied up over the center to produce celery-like form.

**CHINESE CABBAGE** (Wong Bok). 80 Days. The heads of this variety are shorter and broader than Pe Tsai, the inner-curving leaves producing a tighter, more compact head.

ALL GARDEN SEED POSTPAID.  
SEE PAGE 2 FOR COMPLETE  
GARDEN SEED LIST.

**TABLE BEETS**

Pkt.	Oz.
10c	20c

**CULTURE**—Beets are sown where crop is to grow, in open ground, as soon as spring frosts are over, 1-inch deep in drills 12 to 15 inches apart, for convenience in hoeing; and young plants are thinned out, with a greater or less space between them, usually about 4 inches, according to size of variety grown. The thinnings from crop make excellent greens. They thrive in well enriched, moist soil, with plenty of sunshine. Growth will be greatly stimulated with a slight application of Nitrate of Soda.

50-55 DAYS

**EARLY WONDER**. Roots uniform, nearly globe shaped, with small top, skin dark red, flesh deep blood red. Popular with market gardeners for early or late planting.

**DETROIT DARK RED**. One of the very best sorts for home or market garden and for canning purposes. Roots uniformly smooth, of medium size, and globe shaped; skin dark red, flesh solid vermillion red.

**EARLY BLOOD TURNIP, IMPROVED**. The old standard table beet; roots nearly round or slightly flattened, bright red, zoned and of good quality. Not so early as Detroit, and with a larger, coarser top. **CROSBY'S EGYPTIAN**. Splendid home and market garden sort. Tops medium in size; collar small. Root flattened globe-shaped, with small tap root; very dark purplish-red. Flesh deep purplish-red zoned with a lighter shade; crisp and tender.

**EDMAND'S BLOOD TURNIP**. A second early sort, with short tops; roots nearly round, dark red; flesh purplish red with little zoning; a good keeper.

**CABBAGE**

Pkt.	Oz.
10c	60c

**CULTURE**—One ounce will produce about 2,000 plants; 10,890 plants will plant an acre of early cabbage; and 7,260 plants for an acre of late. Three ounces of seed will plant an acre of early and five ounces an acre of late cabbage. For early cabbage, sow seed in hotbeds in January or February. Transplant as early as possible to the open ground about two feet apart each way. For late cabbage, sow seed in the open ground in May and transplant about July 1 in rows 2½ feet each way.

**GOLDEN ACRE**. 66 Days. The earliest of the round headed cabbages, maturing with Jersey Wakefield. Plant small, dwarf and compact; heads of medium size, round as a ball, hard, solid and very uniform.

**COPENHAGEN MARKET**. 70 Days. Very fine, nearly as early as Jersey Wakefield; stem short, heads large, round and solid, with few outer leaves of an upright growth.

**ALL SEASONS**. 85 Days. Heads large, round and very deep; can be planted for early or late crop; a splendid keeper; in season a late second early, coming in with Early Flat Dutch; a favorite with kraut manufacturers.



LATE FLAT DUTCH

**EARLY JERSEY WAKEFIELD**. 65 Days. The most widely known and popular extra early variety; heads are broad cone shaped and very solid. Our stock is very dwarf, compact and extremely early.

**CHARLESTON LARGE WAKEFIELD**. 75 Days. About one week later than Early Jersey Wakefield, but the conical heads are fully one-half larger.

**LATE FLAT DUTCH**. 95 Days. A justly popular and esteemed variety; extensively cultivated for market and family use. Heads large, round, flattened and very firm; has a medium stem and is very hardy.

**EARLY FLAT DUTCH**. 70 Days. Earlier and heads somewhat smaller than Late Flat Dutch; a good short stemmed second early.

**RED ROCK**. 110 Days. The largest and surest heading red cabbage; more deeply colored at the heart than Red Dutch; medium to long stem.

**CARROTS**

Pkt.	Oz.
10c	25c

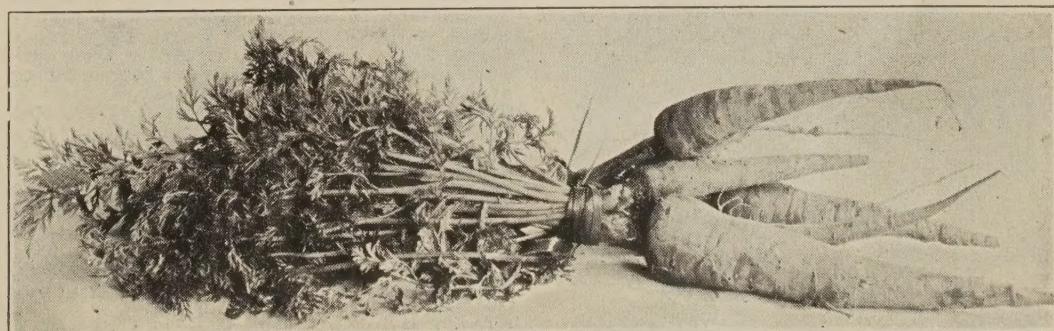
**CULTURE**—Plant seed one-half inch deep in loose, well prepared soil, in rows 16 inches apart. Thin 2 to 4 inches in row. Plant from early spring to mid-June.

**DANVER'S HALF LONG**. 75 Days. The best known second early, half-long sort; roots 6 to 8 inches long, tapering to a blunt point; flesh deep orange, tender and good quality.

**CHANTENAY HALF LONG** (The Model). 72 Days. Excellent medium early half-long stump rooted variety; roots about 6 inches long, very thick, smooth and of a deep orange-red color.

**IMPROVED LONG ORANGE**. 88 Days. An excellent intermediate season, standard sort; roots 12 inches long, about 3 inches broad at the crown, tapering regularly to a point; deep orange color.

**NEW BUNCHING**. Tops short, roots are 1¼ to 1½ by 8 inches in size, almost cylindrical, rounded shoulders, and are well stumped. Developed for market gardeners as a bunching carrot. Good shipper.

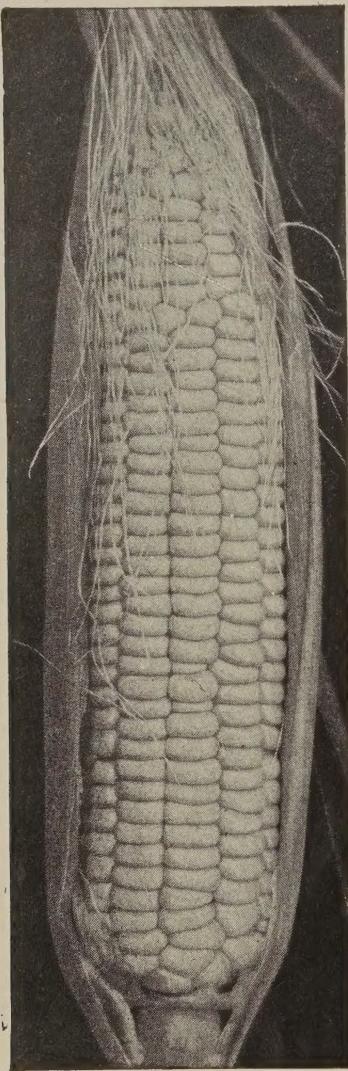


IMPROVED LONG ORANGE

★ Star Brand ★

# SWEET CORN

FEED WITH  
**VIGORO**  
COMPLETE PLANT FOOD



Golden Bantam

## CAULIFLOWER

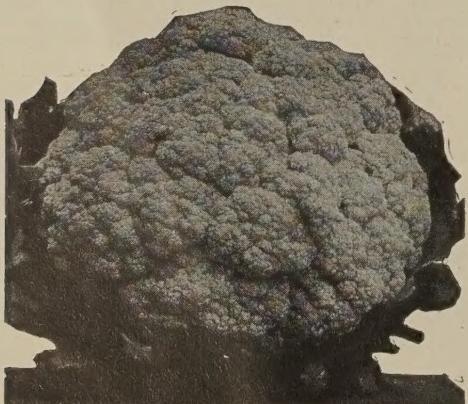
FINE DANISH GROWN STOCK  
(1 oz. of seed will produce 3,000 plants)

Pkt., 25c

CULTURE—Sow the seed in January in hotbeds, flats or pots. When plants are large enough transplant 3 inches apart. When the ground is warm transplant in the garden  $\frac{1}{2}$  feet apart. Water freely in dry weather. A second sowing of early varieties can be made in May or June for fall crop.

EARLY SNOWBALL. The best variety for general use. Of dwarf habit, and produces fine, large, white heads in a very short time. Always tender and sweet.

DANISH DRY WEATHER. A new strain developed in Denmark to stand hot, dry weather. It matures later than the Snowball, producing large, solid, pure white heads of excellent quality.



Early Snowball

## SWEET CORN

Pkt., 10c

CULTURE— $\frac{1}{2}$ -lb. will plant 100 hills. Sweet Corn varies greatly in hardness, earliness, size and sweetness. The early sorts grow only 3 to 5 feet high and may be planted when the trees are starting out in leaf, in rows 3 feet apart, making the hills about 1 ft. apart. The later and sweeter varieties are more tender and should not be planted until the trees are in full leaf or the seed will rot in the ground. Plant garden corn in rows 3 feet apart, making the hills 18 inches apart in the rows. Apply 2 lbs. (1 quart) of Vigoro for each 50 feet of row, mixing it thoroughly with soil before planting seeds.

STOWELL'S EVERGREEN. 105 Days. The standard and best sweet corn. Ears 8 to 9 inches long, 16 to 18 rowed, with a very deep, sweet grain.

STOWELL'S EVERGREEN HYBRID. 86 Days. Is the finest type hybrid we have ever seen. It is outstanding for its productiveness, drought resistance and uniform strong vigorous growth. Pkt., 15c.

COUNTRY GENTLEMAN (Shoe Peg). 93 Days. An especially fine quality corn. Ears 7 to 8 inches long, cob small, white and densely covered with long, slender, white grains, without row formation.

COUNTRY GENTLEMAN HYBRID. 90 Days. Same season as Country Gentleman but better yielder in poor years. Pkt., 15c;  $\frac{1}{2}$  lb., 25c.

GOLDEN COUNTRY GENTLEMAN. 90 Days. By crossing Country Gentleman and Golden Bantam, this late variety was produced, with the flavor of Bantam and the size and kernel of Country Gentleman. An excellent late yellow. Pkt., 10c;  $\frac{1}{2}$  lb., 20c.

GOLDEN BANTAM. 85 Days. Early, golden yellow and of the finest quality. Ears 8 rowed and 6 to 7 inches long.

ADAM'S EARLY. 90 Days. Not a sugar corn, but largely grown for early use; hardy, standing early planting and the thick, hard husks preventing entrance of the corn worms. Ears 7 to 8 inches long, 12-rowed.

GOLDEN SUNSHINE. 80 Days. Of the Golden Bantam type but a week to 10 days earlier. Ears 12-rowed, kernels broad, yellow and sweet.

HOWLING MOB. The leading white, second early. Productive and of extra fine quality. Ears 9 to 10 inches long with 14 rows.

TRUCKER'S FAVORITE. Best roasting ear; not a true Sugar Corn. Stalks about 8 ft. tall, ears are of a medium length and thickness, average 7 to 8 inches, with 12 or 14 rows. Kernels are white.

GOLDEN CROSS. Here is a fine new variety that is an improvement in every way over the ordinary Golden Bantam. A week later than Golden Bantam; grows 4 $\frac{1}{2}$  to 5 feet tall. Ears are larger and longer, and have 10 to 14 or 16 rows of tender, rich, full-flavored yellow kernels, somewhat lighter than regular Bantam. Produces almost twice the yield of Golden Bantam and in every way is a wonderful new Sweet Corn. Pkt., 15c.

## CELERY

Pkt., 15c

CULTURE—Sow in beds in February or March and keep them well watered. Transplant to moist, mucky soil; 6 inches apart in 12-inch rows. Earth up two or three times. Cover with straw from severe weather, with boards on top; 1 ounce of seed produces 2,000 plants.

GOLDEN SELF BLANCHING DWARF. 118 Days. This sort is without doubt the finest early celery in cultivation. Handsome golden yellow color.

GOLDEN PLUME or WONDERFUL. 112 Days. Resembles Golden Self Blanching, somewhat earlier, larger and more disease resistant than other yellow celeries.

IMPROVED WHITE PLUME. 112 Days. A very early, handsome variety. A popular sort for first early market.

GIANT PASCAL. 135 Days. A compact, vigorous, productive variety and one of the best for winter use.

## CELERIAC

(Turnip-Rooted Celery)

CULTURE—Sow the latter part of April, covering seeds  $\frac{1}{4}$  of an inch. Thin out to about 1 inch apart in the row and transplant into rows  $\frac{1}{2}$  feet apart and 6 inches apart in the row.

Uses—Served as a salad with French dressing, or served hot with cream sauce. Roots are turnip-shaped, very smooth, tender and marrow-like. Pkt., 10c; oz., 40c.

## SWISS CHARD

LUCULLUS. An improved type of Chard. Of more upright growth than the Silver variety; leaves yellowish-green, fairly crumpled, mid-rib and veins white; stalks thick, broad and flat and as large as rhubarb. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c.

## CHIVES

Used for seasoning; has strong onion flavor. Very early, lives forever. Clump of roots, 15c each; \$1.00 per dozen. By mail, 10c a dozen extra.

## CHICORY

LARGE ROOTED or COFFEE. Sow in drills. Roots used in adulterating coffee when dried, roasted and ground. Pkt., 15c; oz., 20c.

## COLLARDS

Pkt., 5c;  $\frac{1}{4}$  lb., 30c.

Plant two to three feet high, forming a cluster of tender leaves at the top of its rather long stem.

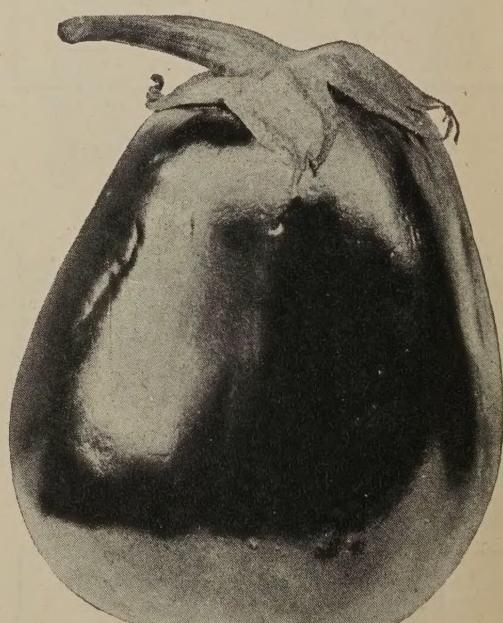
## FREE PREMIUM

With order of \$1.00 or over of Garden or Flower Seeds.

## CRESS

CURLED or PEPPER GRASS. Very hardy, fast growing annual which produces a good supply of attractive, finely curled dark green foliage for garnishing and of a pleasant pungent flavor. Pkt., 10c.

WATER CRESS. 50 Days. Will only thrive well when the roots are submerged in water; grows best along banks of small running streams. Pkt., 10c.



Black Beauty Eggplant

★ For Pickling  
and Slicing

# ★ CUCUMBERS ★

Star  
Brand

## EGGPLANT

(1 oz. will produce 1,500 plants)

Pkt.	Oz.	1/4 lb.
10c	40c	\$1.25

**CULTURE**—Plant requires continuous warm weather for best results. The seed germinates slowly and should be started in a hotbed. The plants may be set out in the open ground when 2 inches tall if continued warm weather is in prospect. Space the plants 2½ to 3 feet apart. Young plants should be shaded from hot sun.

**LARGE NEW YORK PURPLE IMPROVED.** The standard home and market sort. Plants large, 30 to 36 inches tall; very productive, commonly bearing 4 to 6 or more large, handsome, dark purple, symmetrical broad egg-shaped fruits.

**BLACK BEAUTY.** The earliest of all large-fruited Eggplant, ten days to two weeks earlier than the New York Purple. The color is a rich shiny purplish black. It is entirely free from spines.

## ENDIVE

**CULTURE**—Sow in August in shallow drills, twelve to fifteen inches apart, and thin to one foot in drills. When fully grown tie over the outer leaves of a few plants every week or ten days to blanch.

Pkt.	Oz.
Green Curled Mammoth.....	\$0.05 .20
Ever-White Mammoth.....	.05 .20

## GARLIC

**FOR SEED.** Thrives best in light, well-enriched soil. Bulbs should be planted in the fall 6 to 8 inches apart. Cultivate and store the same as onions. Much valued for flavoring soups, stews, etc. Fine bulbs. ¼ lb., 15c; lb., 50c.

## KALE or BORECOLE

**DWARF GREEN.** Sow in autumn for sprouts of green; desirable in every garden. Height 8 inches. Pkt., 10c; oz., 30c.

**TALL GREEN SCOTCH.** Pkt., 10c; oz., 30c.

## KOHL-RABI

Kohl-rabi is grown for its turnip-shaped bulb, which is formed above ground. The bulbs should be used while young and tender. Set plants 8 inches apart.

**EARLIEST WHITE VIENNA.** Greenish white outside, with clear white flesh within. Smooth, short leaf; good for forcing; fine quality.

**EARLIEST PURPLE VIENNA.** Same in every respect as earliest White Vienna, except in the outside color.

Pkt., 10c; oz., 50c.

## MUSTARD

35-40 Days

Pkt.	Oz.
5c	20c

**CULTURE**—Sow the seed in drills early in the spring and at frequent intervals throughout the summer to secure a constant supply of fresh greens. Mustard is hardy and is easily grown. One ounce will sow 50 feet of row.

**FORDHOOK FANCY (Ostrich Plume).** A handsome, vigorous growing, mild variety, standing a long time before going to seed; leaves bright green, intensely curled and fringed on the edges; fine for salads and garnishings.

**SOUTHERN GIANT CURLED.** Plant vigorous and hardy, of upright, spreading growth; leaves 5 inches long by 3 inches wide, light green, tinged yellow, much crumpled and frilled at the edges. The popular market variety in the South.

**MUSTARD SPINACH (Tendergreen).** An oriental type of mustard greens sold in the South under many confusing names. A desirable quick growing, tender variety, with long, broad, fairly smooth leaves and white midribs; slow to seed.

**WHITE LONDON.** Plant of rapid, upright growth, soon going to seed; leaves rather small and smooth, deeply cut or divided; color deep green; seed large, light yellow.

## CUCUMBERS

Pkt.	Oz.
5c	20c

**Do not plant until soil becomes thoroughly warm.** Cover seed ½-inch, plant in hills 3 feet apart, rows 5 feet, 6 to 8 seeds, thin to 3 or 4. 1 oz. will plant about 100 hills. 2 lbs. to acre. Apply one level tablespoonful of Vigoro to each hill, mixing it thoroughly with soil before planting seeds.

**SNOW'S PERFECTED PICKLE.** 52 Days. The most symmetrical, best formed and productive pickling sort; early, small, square ended and deep green.

**LONG GREEN, IMPROVED.** 70 Days. A standard late, well-known table sort; 12 to 14 inches long, slender, more or less warted, tapering towards the stem end; color dark green, flesh white and firm.

**WHITE SPINE, IMPROVED EARLY (Arlington).** 65 Days. One of the very earliest and best known of the White Spines; a short square ended, rather three-cornered type; very productive; fine for slicing or pickles; medium green color.

**EARLY FORTUNE.** 65 Days. The finest type of White Spine yet produced. Early, very productive and disease-resistant; fruits nine inches long, slightly tapering; flesh white, very firm and crisp, with very few seeds; color rich, dark green, which does not fade when shipped a long distance.

**EARLY FRAME or SHORT GREEN.** 56 Days. Vigorous and productive; medium in size and earliness; good for pickling and slicing; fruit light green and is inclined to be three-cornered rather than round.

**WHITE WONDER.** 60 Days. Fruit, produced in clusters, is symmetrical, short, blocky and rounded at both ends; color ivory-white from time of forming until maturity.

**GHERKIN.** 50 Days. Grown exclusively for pickles; fruit very small, oval and covered with spines; color light green.

## LETTUCE

½ Ounce to 100 Feet Drill.

Pkt.	Oz.	20c
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**CULTURE**—For an early crop sow under glass in February and transplant on a well prepared bed, in some sheltered corner, in April. For successive crops sow in beds of well pulverized soil in March and at intervals of about a fortnight until the end of May.

**BIBB.** 57 Days. For forcing and shipping. Leaves smooth, dark green, bleaching to a rich yellow and of excellent quality.

**EARLY CURLED SIMPSON.** 50 Days. A large, loose-leaved sort. Leaves broad, crumpled, and well frilled at the edges. Color, light green.

**BLACK SEEDED SIMPSON.** 50 Days. A popular loose-leaved sort of excellent quality. A fine early home garden sort. Leaves broad, blistered and crumpled.

**GRAND RAPIDS FORCING.** 50 Days. The favorite loose-leaf forcing sort and an excellent outdoor sort. Large, beautiful leaves, very crisp and tender.

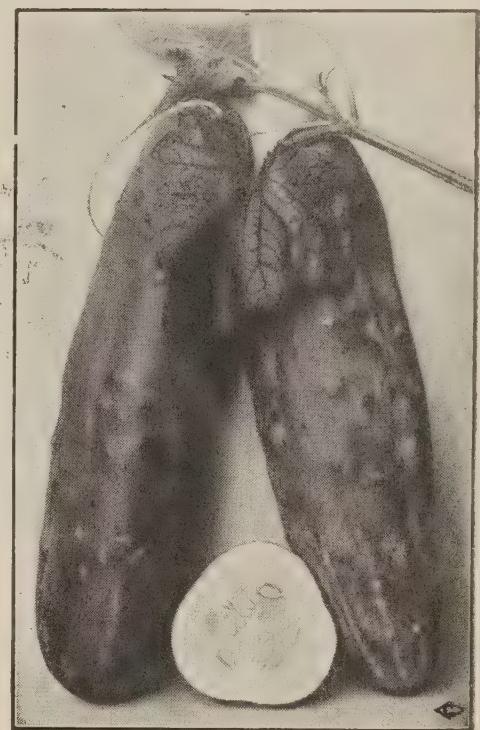
**BIG BOSTON.** 75 Days. Heads large and compact. Color, light green, slightly tinged reddish brown. Heart greenish white tinged with yellow.

**CHICKEN LETTUCE.** 48 Days. produces a quantity of leaves for chicken or rabbit feed. When cut it begins growing again at once. Hardy.

**NEW YORK (Wonderful).** 80 Days. A very large, late, globular heading variety; leaves broad of thick texture, fairly blistered and crumpled, and the borders frilled; color clear dark green; quality good. Pkt., 10c; oz., 20c.

**ICEBERG.** All of the Crisphead Lettuces are good in warm weather. Iceberg is the earliest of the class and makes very large solid heads of crisp, incurved, light green leaves.

**IMPROVED HANSON.** Loose heads of crumpled light green leaves. A reliable summer lettuce for home gardens.



Early White Spine Cucumber

**LONGFELLOW.** 72 Days. Particularly valuable for shipping. Fruits handsome; extremely dark green over entire surface, retain the color remarkably long after picking; white spined. 12 to 14 inches long; 2½ to 2¾ inches thick. Straight, well filled at ends; very few seeds.

**STRAIGHT 8.** Fruits symmetrical, cylindrical, about 8x1½ inches, well rounded at the ends. Color deep green. Ideal for shipping and home use.

## LEEK

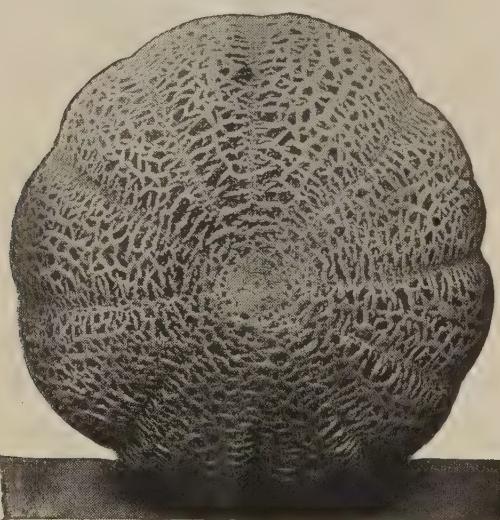
**GIANT FLAG.** Similar to onions in flavor, but milder and preferred by many. Excellent for soups, stewed or creamed. Edible parts 6 to 8 inches long, 3 inches in diameter. Pkt., 20c; oz., 50c.



Leaf Lettuce

★ Star Brand  
Garden Seeds

★ MELONS ★ For Home Use  
and Market . . .



Hale's Best Cantaloupe



Honey Dew Melon

### BLACKLEE

#### The New Ideal Garden Watermelon

A variety that is wilt-resistant, oval shaped and smooth. Flesh brilliant red and seeds black. Cuts solid, of fine texture, slightly crisp, very sweet. Its dark green colored rind is very hard and tough, making it a good keeper, well suited for home use. 30 to 35 pounds. Pkt., 10c; oz., 25c; lb., \$2.50.



For  
Spraying  
Melons  
Use  
Tobacco  
Dust  
Black  
Leaf  
40

### WATERMELONS

Pkt.	Oz.
5c	15c

**CULTURE**—Treat as for muskmelons, but give more room, 10 to 12 feet apart each way. Watermelons require a fertile soil and respond well to Vigoro. Mix one level tablespoonful of Vigoro thoroughly with soil in each hill before planting seeds. When melons are the size of jelly beans apply one level tablespoonful of Vigoro around each plant about 6 inches from stems, keeping it off leaves and stems. 1 oz. of seed plants 20 hills; 4 lbs. per acre. Plant early in May or for later use, in June.

**DIXIE QUEEN.** A leader for home gardens, local markets, and for shipping. Fruits nearly round with light and dark green stripes; thin, tough rind; flesh deep scarlet, crisp and sweet. Medium to large size, and very uniform. The few seeds are white.

**IRISH GRAY.** Free from hard centers and strings, very firm, and does not break when sliced. Matures in about 90 days. Greenish gray color; does not sunburn.

**TOM WATSON.** Immensely popular because there is delicious sweetness. The flesh is rich red, crisp and tenderly melting. Reaches the size of 24 to 28 inches in length, and 12 to 14 inches in diameter. It has a mottled, dark green rind, thin, but tough enough to stand shipping.

**HALBERT HONEY.** The melons are oblong in form, skin is smooth, of dark green color, thin, and rather brittle; on this account the melons do not stand shipping well. But for home use, they are excellent.

**KLECKLEY SWEET.** Well named, for the flesh of this melon is sweet as honey. The rind is dark green, and only about one-half inch thick. Seeds are white, lying close to the rind, leaving a large solid heart.

**SWEETHEART.** Vine vigorous and productive. Fruit large, rounded or slightly oblong; skin pale green, with bands of deeper color, flesh red, melting and very sweet.

**STONE MOUNTAIN.** A very fine melon, especially popular in the southern states, where the fruits frequently weigh 50 to 80 pounds. The flesh is solid, bright scarlet in color, has few seeds, and is very sweet.

**"KING AND QUEEN" WINTER WATERMELON.** Spherical in shape, ivory shell, pink center, seeds black. Average weight 25 pounds. The most luscious, handsome and valuable winter melon in the world.

**GOLDEN HONEY.** The best of the yellow fleshed melons. It is oblong in shape and the average weight is 20 pounds. The rind is dark green with irregular stripes of darker green. Edible in 90 days.

**CITRON.** For preserving. Fruit very similar to the watermelon, but the flesh is used exclusively for sauces, pies, and preserving. The flesh is white, will keep solid all winter, and has a delicious flavor after it is cooked.

### MUSKMELONS

Pkt.	Oz.	1/4 lb.
5c	20c	50c

**CULTURE**—Muskmelons grow best in light soil. Plant in hills about 6 feet apart after mixing one level tablespoonful of Vigoro thoroughly with soil in each hill. Sow about a dozen seeds in every hill early in May, and when started, thin out to 3 or 4 of the strongest plants.

**ROCKY FORD.** 95 Days. This is the most popular of the basket melons; oval, light ribbed, densely covered with coarse green netting, flesh thick, green and sweet, highly flavored.

**POLLOCK'S No. 10-25.** 95 Days. A very popular, standard, Rocky Ford shipping melon, having a hard gray netting and salmon-tinted flesh.

**HEARTS OF GOLD.** 90 Days. Fruit round, with tendency to heart shape. flesh very thick, deep salmon color and of high quality.

**HACKENSACK.** 95 Days. Fruit large, round, flattened at the ends, deeply and irregularly ribbed, coarsely and heavily netted; flesh green, thick and of fine quality.

**MONTREAL GREEN NUTMEG** (Montreal Market). 95 Days. Excellent; very large, often weighing 18 to 20 pounds; fruit round, flattened at both ends, medium green, deeply ribbed and well netted; flesh remarkably thick and of superior quality.

**BANANA CANTALOUPES.** 100 Days. Shaped somewhat as name indicates; grows about 2½ feet long; flesh deep salmon color.

**HALE'S BEST.** 85 Days. Early; are oval in shape, about 6 in. long by 4½ in. in diameter, with heavy netting and fairly distinct ribbing. Flesh exceptionally thick and deep salmon in color.

**LONG YELLOW CANTALOUPES.** 95 Days. Large, long, oval and deeply ribbed; flesh light salmon, very thick and sweet.

**HONEY DEW.** 110 Days. Fruit large ovoid in form, about 10 inches long and 8 inches in diameter; surface smooth and hard creamy white in color turning to a lemon tint when fully ripe; flesh light emerald green, very thick, ripening to the rind, very tender and melting, with an extreme sweetness found in no other melon.



### PEACE WITH PLENTY

That is the wish of every American. Plant Star Brand Seeds for a plentiful garden.

### OKRA or GUMBO

Pkt.	Oz.	1/4 lb.
5c	15c	50c

**CULTURE**—Sow after soil is warm in rows 3 feet apart, 18 inches apart in the row. The pods are used for soups and stews. The pods should be gathered while still young and tender, before the woody fiber develops.

**LONG GREEN.** Very early and productive. Plant 3 feet high; pods bright green, 7½ inches long, straight, slender, pointed and slightly corrugated; a desirable market variety.

**WHITE VELVET.** Grows 3½ feet high; is early and productive. Pods are creamy white, long, smooth, slender, and tender.



★ For Salads, Stuffing,  
Pickling Seasoning

# ★ PEPPERS ★

Star Brand  
Seeds . . . ★

## PARSLEY

1 Oz. to 100 Feet Drill.

Pkt.	Oz.	1/4 lb.
5c	20c	50c

Parsley is used for seasoning soups and stews, for salads, and is also very universally used for garnishing; also for ornamental border in the flower garden; succeeds best in rich, mellow soil. As the seeds germinate very slowly, three or four weeks sometimes elapse before it makes its appearance. It should be sown early in the spring.

**CHAMPION MOSS CURLED.** This is a vigorous, compact growing variety, excellent for garnishing and flavoring, and a handsome decorative plant. Leaves very finely cut and so closely crisped or curled as to resemble bunches of moss.

**EXTRA TRIPLE CURLED.** Very finely curled variety of dark green color. One of the best varieties for all purposes.

**DOUBLE CURLED.** An excellent variety for garnishing meats.

## PARSNIPS

**CULTURE**—Sow the seed thickly in rows  $1\frac{1}{2}$  to 2 feet apart as early in the spring as the ground can be worked. Give frequent and thorough cultivation. When the plants are well up thin 4 to 6 inches in the row. Seed can be sown from February to May.

**LARGE SUGAR or HOLLOW CROWN.** The market gardener's favorite. Considered the best for general culture. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 50c; postpaid.

## PEPPERS

1 Oz. Will Produce About 2,000 Plants.

Pkt.	Oz.
10c	45c

**CULTURE**—Sow in hotbeds in March or April; transplant in open ground when all danger from frost is over, in rows 3 feet apart and 2 feet apart in row.

**LARGE BELL or BULL NOSE.** 120 Days. Large, mild, thick-fleshed variety. One of the best for stuffed pickles.

**CHINESE GIANT.** 130 Days. Plant of short, stocky growth, with light green foliage; fruits pendent, thick, blocky and square ended, 4 to 5 inches in diameter and of equal length; color radiant glossy scarlet.

**CALIFORNIA WONDER.** 120 Days. Resembles Chinese Giant in the large size and "blocky" form of its fruits, but having an extremely thick flesh not possessed by that variety. Fruit upright, crimson, measuring  $4\frac{1}{2}$  in. in length by 4 in. in diameter, mild and sweet.

**RUBY GIANT.** A cross between the Ruby King and the Chinese Giant, having the good qualities of both. The peppers are of very large size and so sweet and mild that they can be eaten raw. The flesh is very thick and when ripe is of a deep red color; matures early.

**RUBY KING.** 110 Days. Very large, sweet and solid, bright scarlet.

**PIMENTO.** 100 Days. A very thick-fleshed, heart-shaped, smooth, mild, crimson variety, much used for salads; fruit pendent;  $3\frac{1}{2}$  in. long by  $2\frac{1}{2}$  in. greatest diameter; rather late in season.

**GOLDEN QUEEN.** 120 Days. One of the largest of the sweet, yellow peppers; resembles Ruby King in size, form and mild flavor, but is a bright, golden-yellow color.

**SUNNYBROOK.** A tomato-shaped, sweet red pepper of much merit. Fruit upright, 3 in. in diameter by  $2\frac{1}{2}$  in. in depth with thick flesh; moderately early.

## POP CORN (Shelled)

**JAPANESE HULLESS.** A dwarf growing corn. Heavy yielder. Pkt., 10c, Postpaid.

**S. AMERICAN.** Fine yellow variety. Pkt., 10c. Postpaid.  
(Write for prices on larger quantities.)

## PUMPKINS

Pkt., 5c

**CULTURE**—After danger of frost is over plant the seed in hills 8 to 10 feet apart each way, dropping about a dozen seeds in a hill. The soil should be made as rich as possible. If planted with corn, 2 or 3 seeds a rod apart each way will be sufficient. When danger from bugs is past, thin to 3 plants to a hill. Use 3 to 4 pounds of seed per acre;  $\frac{1}{4}$  pound for 75 hills.

**LARGE CHEESE or KENTUCKY FIELD.** Large, round flattened fruits, much ribbed and creamy buff in color; flesh yellow, very deep and of fine quality; one of the best canning sorts.

**KING OF THE MAMMOTH.** The giant among pumpkins. Often weigh over 100 pounds. Salmon skin. Flesh bright yellow, fine-grained and of good quality.

**CUSHAW, STRIPED.** Of the crookneck type with mottled green and white stripes; fruit will weigh from 10 to 15 pounds; flesh yellow, very solid and fine grained.

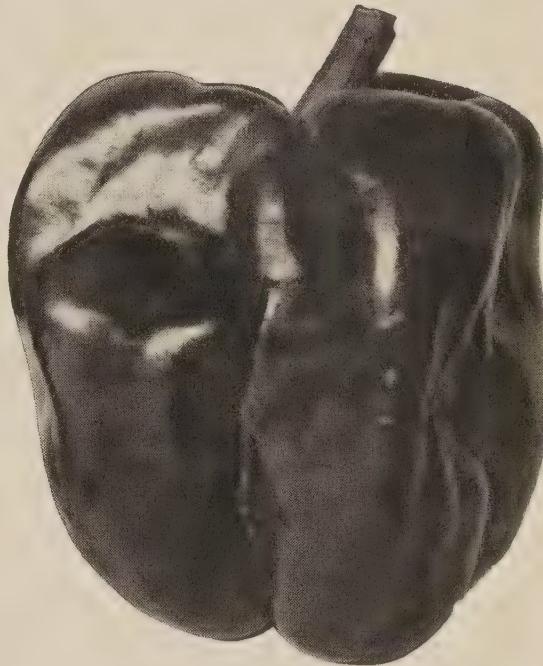
**CUSHAW, WHITE (Jonathan).** A popular crooknecked variety with a hard, creamy-white shell; fruits two feet in length, with long, solid, meaty necks; fine quality.

**TENNESSEE SWEET POTATO.** Pear-shaped, skin and flesh a creamy white. Flesh thick and when cooked resembles sweet potatoes.

**SWEET or SUGAR (New England Pie).** Fruits small, round, flattened at the ends, and slightly ribbed; skin and flesh deep orange-yellow; flesh very thick and of high quality.



Small Sugar Pumpkin

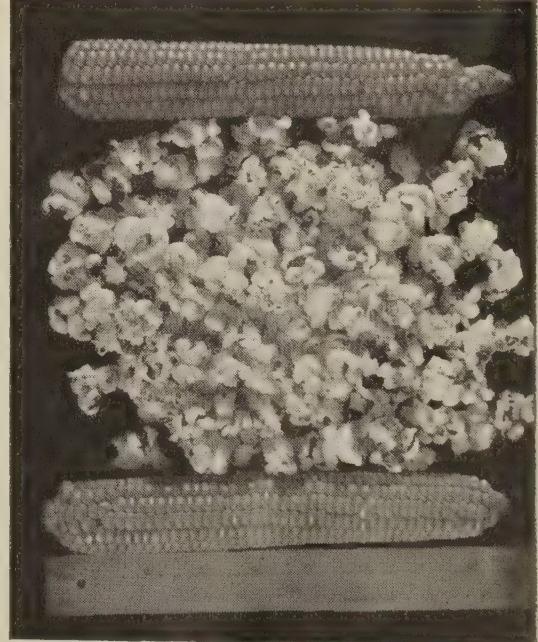


Ruby Giant Pepper

## REGARDING NUMBER OF DAYS TO MATURITY

The number of days required by any particular variety to produce garden stuff ready for table use varies from year to year and depends upon growing and seasonal conditions. In our description of most varieties we are giving the average number of days from seed to edible stage. Time given for broccoli, cabbage, cauliflower, pepper and tomato is days from setting plants to marketing fruits. Figures are based on growing conditions here and are meant only for convenience in comparing earliness of varieties.

## VIGORO VICTORY GARDEN GARDEN

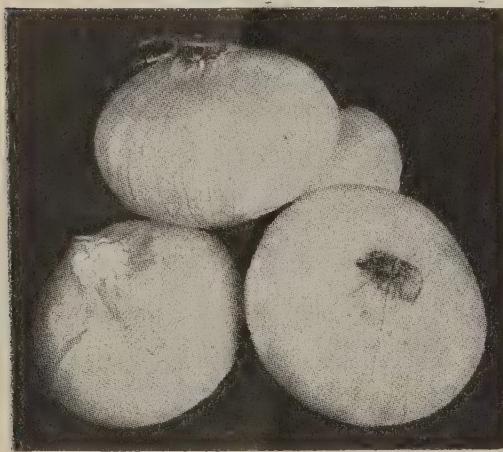


South American

★ Star Brand  
Vegetables

# ONIONS

A Healthful Food . . .  
Eaten Cooked or Raw ★



White Silverskin Onion

## ONION SETS

Tops, 28 lbs. per bu.; bottoms, 32 lbs. per bu. It takes 8 bu. to set an acre.

Price on application for the following varieties:

RED WETHERSFIELD  
AUSTRALIAN BROWN  
WHITE SILVERSKIN  
YELLOW GLOBE  
POTATO ONION  
WINTER TOPS  
MULTIPLIERS  
SUMMER TOPS

CULTURE—Sow as early in the spring as ground can be worked, in drills 15 inches apart, covering one-inch deep. One ounce for 300 feet of drill; 4 to 5 pounds per acre. About 750 seeds to the packet.

**LARGE RED WETHERSFIELD.** 110 Days. One of the oldest and best known types of onion. A fine, large, rather flat sort of a deep purplish-red color; noted for its productiveness and keeping qualities; used largely in the production of onion sets.

**SOUTHPORT LARGE RED GLOBE.** 130 Days. The finest type and most popular of the red onions. The bulbs are distinctly globe-shaped with a small neck, and are excellent keepers; color a deep purplish-red.

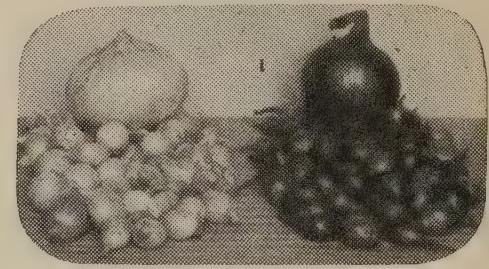
**PRIZETAKER.** 100 Days. One of the largest onions grown and the mildest; is productive and a sure cropper; bulbs are globe-shaped and of a light straw color.

**YELLOW GLOBE DANVERS.** 110 Days. Bulbs medium large, round, yellow, firm and solid. Flesh white, with slight yellow tone.

**SOUTHPORT WHITE GLOBE.** 110 Days. Of the true Southport Globe form with a thin, delicate skin of purest paper whiteness; flesh is very crisp, fine-grained, snowy-white in color and exceedingly mild.

**RIVERSIDE SWEET SPANISH.** 98 Days. Nearly globular in form, resembling Prizetaker, but grows to golden yellow in color of skin; flesh white and very mild.

**WHITE PORTUGAL or SILVERSKIN.** 100 Days. A large, flat white onion of mild and pleasant flavor, hard and fine-grained.



Onion Sets

**CRYSTAL WAX.** 90 Days. Bulbs round, medium sized, solid, skin thin and delicate; flesh waxy white, fine grained, and mild.

**YELLOW or WHITE BERMUDA.** 88 Days. Medium sized, flat sort. Skin light straw color, thin and loose; flesh nearly white, coarse, sweet and mild.

## BERMUDA ONION PLANTS

We can furnish the genuine Crystal White Wax and Yellow Bermuda. Ask for prices.

## PEANUTS

This crop is naturally adapted to a light, sandy land. When properly cared for, it will yield a good profit as a market crop or as pasture for hogs. Shell the seed before planting, and plant in rows 3 feet apart, hills 10 inches apart. Peanuts should be planted in May or June.

	Lb. 5 lbs.
Tennessee Red .....	\$0.45 \$2.00
Virginia .....	.45 2.00
Spanish .....	.45 2.00
Postpaid	

## VEGETABLE SEEDS PLANTING GUIDE

Vegetable	Average Number of Seed per Ounce	To Produce a Given No. of Plants	Amount Required for 100 Ft. of Plants	Amount Required of Drill	Amount of Seed Per Acre	Depth of Planting	Days of Maturity	NUMBER OF PLANTS TO THE ACRE AT GIVEN DISTANCES
Asparagus .....	1,000'	1 oz. to 800	1 oz.	5 lbs.	1 in.	2 yrs.		Dist. Apart No. Plants
Beans, Dwarf .....	100	.....	1 lb.	60 lbs.	1 in.	45 to 70	12 x 1 in. . . . .	522,720
Beans, Pole .....	100	.....	1/2 lb.	30 lbs.	1 in.	63 to 74	12 x 3 in. . . . .	174,240
Beets, Garden.....	1,750	.....	1 oz.	6 lbs.	1 in.	50 to 60	12 x 12 in. . . . .	43,560
Beets, Mangel.....	1,200	.....	1 oz.	5 lbs.	5 lbs.	100 to 130	18 x 1 in. . . . .	392,040
Brussels Sprouts.....	6,500	1 oz. to 5,000	1/4 oz.	2 oz.	1/2 in.	100 to 120	18 x 3 in. . . . .	348,480
Cabbage .....	5,000	1 oz. to 4,000	1/4 oz.	4 oz.	1/2 in.	*62 to 105	18 x 12 in. . . . .	116,160
Carrots .....	14,000	.....	1/2 oz.	2 lbs.	1/2 in.	60 to 85	18 x 18 in. . . . .	29,040
Cauliflower .....	5,000	.....	1/4 oz.	1 oz.	1/2 in.	*52 to 90	20 x 1 in. . . . .	19,360
Celery .....	100,000	.....	1/4 oz.	4 oz.	1/8 in.	120 to 150	20 x 20 in. . . . .	313,635
Collards .....	5,000	.....	1/4 oz.	4 oz.	1/2 in.	100 to 120	24 x 1 in. . . . .	15,681
Corn, Sweet.....	125	.....	1/4 lb.	12 lbs.	1 in.	76 to 110	24 x 24 in. . . . .	261,360
Cucumbers .....	1,000	.....	1/2 oz.	2 lbs.	1 in.	52 to 72	18 x 18 in. . . . .	15,520
Eggplant .....	4,000	1 oz. to 2,000	1/8 oz.	4 oz.	1/2 in.	100 to 150	30 x 1 in. . . . .	10,890
Endive .....	13,500	.....	1 oz.	2 lbs.	1/2 in.	85 to 100	24 x 24 in. . . . .	209,088
Kale .....	7,500	1 oz. to 5,000	1/4 oz.	1 lb.	1/2 in.	55 to 125	30 x 6 in. . . . .	34,848
Kohl-rabi .....	7,000	.....	1/4 oz.	1 lb.	1/2 in.	55 to 60	30 x 12 in. . . . .	17,424
Leek .....	8,000	.....	1/2 oz.	4 lbs.	1/2 in.	120 to 150	30 x 16 in. . . . .	13,068
Lettuce .....	16,000	.....	1/2 oz.	3 lbs.	1/2 in.	61 to 82	30 x 20 in. . . . .	10,454
Melon, Musk.....	1,200	.....	1/2 oz.	2 lbs.	1 in.	80 to 115	30 x 24 in. . . . .	8,712
Melon, Water.....	225	.....	1 oz.	2 lbs.	1 in.	85 to 130	30 x 30 in. . . . .	6,970
Mustard .....	18,000	.....	1/4 oz.	1 lb.	1/4 in.	40 to 80	36 x 3 in. . . . .	58,080
Okra .....	425	.....	2 oz.	8 lbs.	1 in.	90 to 140	36 x 12 in. . . . .	14,520
Onion .....	12,500	.....	1 oz.	4 lbs.	1/2 in.	125 to 150	36 x 18 in. . . . .	9,680
Parsley .....	17,500	.....	1/4 oz.	3 lbs.	1/8 in.	65 to 110	36 x 24 in. . . . .	7,260
Parsnips .....	2,800	.....	1/2 oz.	3 lbs.	1/2 in.	125 to 150	36 x 36 in. . . . .	4,840
Peas .....	50 to 150	.....	1 lb.	60 lbs.	1 in.	68 to 82	42 x 12 in. . . . .	12,446
Peppers .....	4,000	1 oz. to 2,000	1/8 oz.	2 oz.	1/2 in.	*55 to 85	42 x 24 in. . . . .	6,223
Pumpkins .....	100	.....	1/2 oz.	4 lbs.	1 in.	75 to 150	42 x 36 in. . . . .	4,148
Radishes .....	5,000	.....	1 oz.	10 lbs.	1/2 in.	23 to 43	48 x 12 in. . . . .	10,890
Salsify .....	4,500	.....	1 oz.	8 lbs.	1/2 in.	115 to 175	48 x 18 in. . . . .	7,790
Spinach .....	3,000	.....	1 oz.	8 lbs.	1 in.	40 to 50	48 x 24 in. . . . .	5,445
Squash, Summer.....	300	.....	1/2 oz.	4 lbs.	1 in.	65 to 70	48 x 30 in. . . . .	4,356
Squash, Winter.....	125	.....	1/2 oz.	2 lbs.	1 in.	100 to 140	48 x 36 in. . . . .	3,630
Tomatoes .....	7,500	1 oz. to 3,000	1/8 oz.	1 1/2 oz.	1/2 in.	*64 to 85	48 x 48 in. . . . .	2,723
Turnips .....	10,000	.....	1/2 oz.	1 lb.	1/4 in.	50 to 75	60 x 36 in. . . . .	2,901
							60 x 48 in. . . . .	2,178

Approximate number of feet of row per acre at given distances:  
Distance between rows Feet of row  
18 inches ..... 29,010  
24 inches ..... 21,758  
30 inches ..... 17,427  
36 inches ..... 14,526  
42 inches ..... 12,439  
48 inches ..... 10,853

(\*This applies to date from transplanting to field.)

★ A Healthful Food ★  
the Year Around

## GARDEN PEAS

Pkt., 10c

Sow Peas as early in the spring as the ground can be worked, in drills about 4 inches deep. The rows must not be nearer than 2 feet, except for the dwarf sorts. Those growing 3 feet high or more should not be nearer than 3 or 4 feet, and should have brush for their support. Avoid fresh manure and very rich soil, as they cause the vines to grow too rank. One pound will sow 40 feet of drill; 55 to 100 pounds for an acre, in drills 3 feet apart.

## EARLY SMOOTH VARIETY

**ALASKA.** 56 Days. Very early, smooth, blue pea. Popular with canners and market gardeners for a first early sort. Height  $2\frac{1}{2}$  feet. Foliage and pods light green; pods  $2\frac{1}{2}$  inches long, round, straight and square ended, containing 6 light green peas. Very uniform in maturity.

**FIRST and BEST.** Not quite as early as Alaska, but is prolific and hardy. Plant is  $2\frac{1}{2}$  feet high, producing medium sized pods well filled.

**AMERICAN WONDER.** 60 Days. One of the earliest of the green wrinkled sorts. Vine 10 to 14 inches high, dark green, fairly coarse. Very prolific. Pods of striking form,  $2\frac{1}{2}$  to 3 inches long, containing 5 to 8 tender sweet flavored peas. Dry seed, green, wrinkled.

**CHAMPION OF ENGLAND.** 78 Days. One of the richest, best flavored late peas; well known and popular. Height  $4\frac{1}{2}$  feet. Vine stout, deep green; pods, often in pairs, medium green,  $3\frac{1}{2}$  inches long, straight, nearly round and blunt ended, containing 8 light green peas; productive. Season following Telephone.

**GRADUS or PROSPERITY.** 62 Days. A standard, early large podded variety, very popular with market gardeners. Height 3 feet. Vine and foliage moderately heavy and medium green; pods medium green,  $3\frac{3}{4}$  in. long, semi-round, straight, slightly curved at the tip, and pointed, containing 6 to 8 large, very sweet, medium green peas; moderately productive and of high quality.

**MARROWFAT, LARGE WHITE.** 80 Days. An old time smooth, round, white seeded pea, growing five feet in height. While immensely productive the quality is below the average. Pods light green, 3 inches long.

**LITTLE GEM, PREMIUM.** 65 Days. An improved and more dwarf strain of McLean's Little Gem. Height  $1\frac{1}{2}$  feet. Foliage dark green; pods light green 3 in. long, round, square ended and well filled with 6 to 8 light green peas of good quality; very productive.

**LITTLE MARVEL.** 64 Days. An extra fine dwarf sweet pea. Pods somewhat larger than Nott's Excelsior and same season. A fine variety for either private or market garden. Height 18 in. Foliage and pods very deep green; pods 3 in. long, nearly round and square ended, containing 7 very dark green peas of high quality.

**NOTT'S EXCELSIOR.** 60 Days. A standard, extra early dwarf pea. Height  $1\frac{1}{2}$  feet. Foliage medium green, stout and heavy; pods light green, 3 inches long, round, straight and blunt ended, containing 6 light green peas of high quality; productive.

**TELEPHONE.** 76 Days. A standard, high quality, large podded pea. Height  $4\frac{1}{2}$  feet. Vine and foliage strong and heavy, medium green. Pods  $4\frac{1}{2}$  in. long, medium green, straight, broad and pointed, containing 8 large, light green peas; main crop, productive.

**THOMAS LAXTON.** 65 Days. A very popular gardener's variety. Height 3 feet; vine and foliage moderately stout, medium green; pods medium green;  $3\frac{1}{2}$  inches long, straight, nearly round and square ended, containing 7 medium dark green peas of superior quality. Compared with Gradus is a little earlier, more productive, but with a smaller, less broad pod.

## PEAS

## RADISHES

Pkt.	Oz.	$\frac{1}{4}$ lb.
5c	20c	50c

**CULTURE**—To be tender and crisp radishes must be grown quickly, and this requires rich soil and plenty of moisture. Commencing with the first mild spell in the spring, sow at intervals of 10 days, in a light, rich, deeply-worked soil. One ounce will plant 50 feet; 8 to 10 pounds one acre.

**ICICLE.** The Finest White Radish. An ideal white radish; long, slender root, which remains crisp and mild until grown large. It matures early with short top, which permits close planting and forcing. Many of our customers say it is the finest radish they have ever grown. Plant every 10 days for succession.

**CRIMSON GIANT.** 25 Days. Extremely large, but never pithy. One of the best for outdoor culture. Top is a little too large for a forcing sort; intermediate in season.

**EARLY SCARLET TURNIP.** 23 Days. A well known variety; very quick grower. **EARLY SCARLET TURNIP, WHITE TIPPED** (Rosy Gem). 24 Days. Round, deep scarlet, shading to a white tip on the bottom; very early; used extensively both as a forcing and outdoor sort.

**FRENCH BREAKFAST.** 25 Days. Of oblong form, small and quick growing; color bright rose-scarlet, with small, white tip; good outdoors or under glass.

**SAXA.** 22 Days. The earliest of the forcing radishes, and one of the slowest to shoot to seed. Round, bright scarlet and with the smallest possible top. We have an excellent stock of this radish and can highly recommend it.

**WHITE STRASBURG.** 39 Days. Popular with market gardeners for summer use. Roots about 5 inches long,  $1\frac{1}{2}$  inches thick at the shoulder, tapering and smooth. Skin and flesh white, crisp and slightly pungent. Continues in marketable condition longer than most varieties.

**WHITE VIENNA or LADY FINGER.** 30 Days. Similar to White Icicle, but more slender and several days later. Roots  $5\frac{1}{2}$  to  $6\frac{1}{2}$  inches long,  $\frac{1}{2}$ -inch thick, sleek, tapering; skin white, with tinge of green on the sloping shoulder.

**VICK'S SCARLET GLOBE.** 22 Days. It is one of the very earliest of the forcing radishes and does equally well outside; roots are of fair size, globe-shaped and with a very small top; always crisp and tender; color a bright scarlet.

**SPARKLER.** 20 Days. Deep scarlet with a pure white tip. In shape it is nearly round. Owing to its attractive color, and its extreme earliness it has long been a favorite for home use and market. The radish is solid, crisp and sweet, very good quality.

## WINTER RADISHES

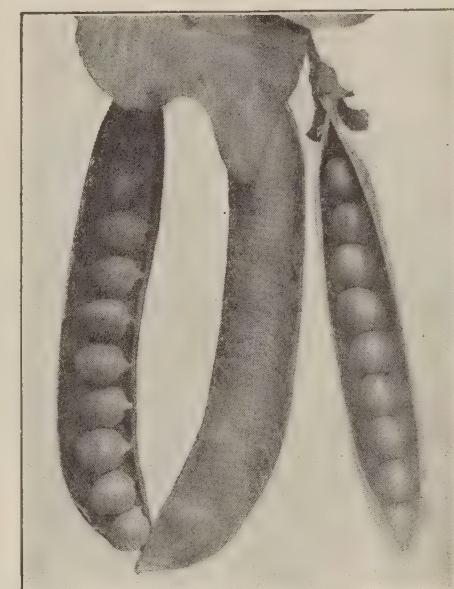
Sow in June and July.

**WHITE CHINESE or CELESTIAL.** A beautiful, large, white radish grown very extensively by the market gardeners for fall and winter trade. Root is white, cylindrical, very firm and mildly flavored.

**CALIFORNIA MAMMOTH WHITE.** 60 Days. An excellent fall variety. Roots 7 to 8 inches long, 2 inches thick; cylindrical, and thickest at lower end; leaves large, light green; flesh white, crisp and not pungent.

**LONG BLACK SPANISH.** 60 Days. A good keeping winter variety. Roots cylindrical, slightly tapered at tip, 7 to 10 inches long, 2 to  $2\frac{1}{2}$  inches in diameter; skin black and somewhat wrinkled; flesh white, solid and pungent.

**ROSE CHINA WINTER.** 52 Days. A popular, very distinct winter sort. Roots 4 to 6 inches long, 2 inches in diameter, cylindrical, but thicker at the lower end; blunt, smooth, bright rose-red in color; flesh white, very firm, and pungent.



Alaska Peas

For  
Peas, Beans, Sweet Peas,  
We Recommend



H E D  
L P R  
F E E  
E H D T



French Breakfast

★ Star Brand

## ★ SQUASH ★ For Home Table . . . For Market Garden ★

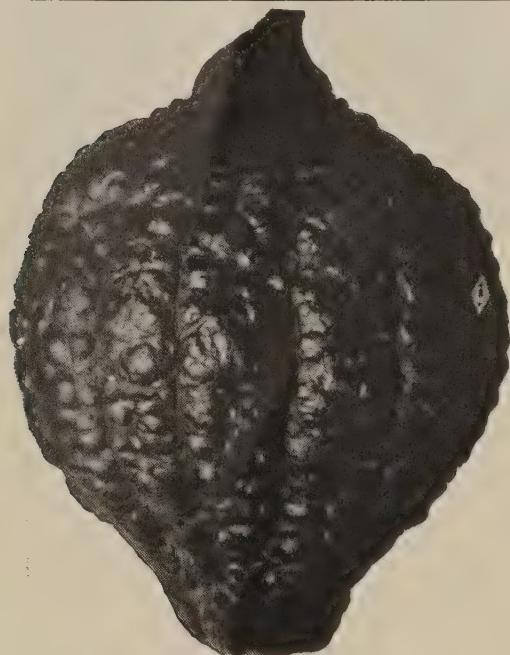
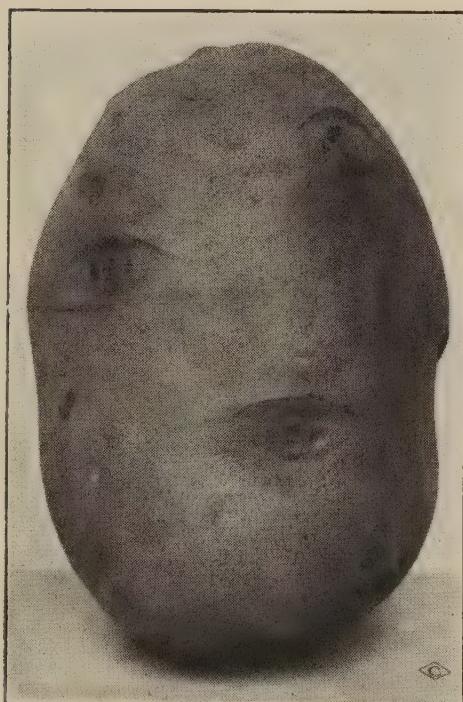


Table Queen



Seed Potato



Spinach, Bloomsdale

**RHUBARB or PIEPLANT**

Highly esteemed for pies, tarts, jelly and marmalade. Sow in drills 1 foot apart early in spring. In the fall or next spring transplant 3 feet apart in deeply dug, rich soil.

**MAMMOTH VICTORIA.** Largest, most productive variety. Large pkt., 10c; oz., 20c; 1/4 lb., 70c.

**RHUBARB ROOTS.** Set in spring, they will furnish leaf stalks the following season. Large roots, each, 30c; doz., \$2.50, postpaid.

**SALSIFY or OYSTER PLANT**

Pkt.	Oz.
10c	25c

**CULTURE**—Sow early in drills 18 inches apart and cover firmly 1-inch deep; thin to 3 inches apart in the drills. One ounce for 60 feet of drill; 7 pounds to one acre.

**MAMMOTH SANDWICH ISLAND.** 90 Days. A very superior strain, producing smoother, larger and more vigorous roots; foliage stronger. Roots similar to a slim Parsnip. Often called "vegetable oyster."

**SEED SWEET POTATOES**

Owing to the perishable nature of Sweet Potatoes, our responsibility ceases upon delivery to railroad company and receipted for in good condition.

Write for prices on the following varieties:

**Yellow Kinds—**

Nancy Hall  
Yellow Nansemond  
Yellow Jersey  
Porto Rico Yam

Plants of the above varieties ready for shipment about April 15. Write for prices.

**SEED POTATOES  
NORTHERN GROWN**

Plant 8 bu. per acre. Write for prices when ready to buy.

**CERTIFIED STOCK.** We offer Michigan and Minnesota certified potatoes in several instances. Such stock has been inspected while growing by authorized state agents and found free from serious diseases and varietal mixture and is from vigorous fields. Sorting and grading to No. 1 grade is also required.

Early Ohio (Red River Stock)	Green Mountain
Bliss Early Triumph	Burbank
True Early Rose	Early Six Weeks
	Irish Cobbler

**SPINACH**

Pkt.	Oz.
5c	20c

We handle immense quantities of Spinach Seed for a critical market garden and truck farm trade. For a succession the seed may be sown early in April and again in May in drills 1 foot apart and 1-inch deep, properly thinning out when plants are an inch in the leaf. For the earliest spring crop, sow from first to middle of September, protecting the crop through the winter with a light covering of straw or leaves. One ounce for 100 feet of drill, 10 pounds for an acre of drills. Write for prices in large quantities.

**BLOOMSDALE LONG STANDING.** 39 Days. Nearly as early as the old strain and will stand two weeks longer before bolting to seed. Plants very uniform, leaves intensely crumpled and blistered, dark glossy green in color.

**KING OF DENMARK.** 46 Days. A fine long season Spinach, remaining longer than most varieties before bolting to seed. Plant vigorous and spreading; leaves large, rounded, fairly crumpled and blistered; dark green in color.

**NEW ZEALAND.** 70 Days. Entirely distinct from the true Spinach; plant tall and spreading with numerous side shoots; leaves medium green, rather small and pointed; grows well in hot weather and under adverse conditions.

**MUSTARD SPINACH (Tender Greens).** Large, thick-leaved variety from Japan, remaining tender both summer and winter. Popular in the South.

**SQUASH**

Pkt.	Oz.
5c	20c

**CULTURE**—Plant in hills, in well prepared ground, mixing plenty of well-rotted manure in each hill. Light soils are best suited for their growth. Plant six to eight seeds in each hill and thin out to three or four after they have made partial growth. Plant bush varieties from three to four feet apart each way, and the trailing sorts six to eight.

**DELICIOUS.** 115 Days. A fall and winter variety, medium size, top-shaped, dark green, flesh orange, very deep and delicious.

**TABLE QUEEN.** 58 Days. A squash fit for a queen. Cut in half and baked for twenty minutes, it is delicious. Wonderful producer. Fruits are from 6 to 8 inches long and 4 to 6 inches in diameter. Shell hard and smooth, dark green with sometimes a blotch of red at pointed end. Will keep as long as the Hubbard.

**GIANT SUMMER CROOKNECK.** 55 Days. The largest and one of the earliest summer varieties; fruits often 2 to 2 1/2 feet long, very warty and deep orange in color.

**EARLY WHITE BUSH SCALLOP.** 60 Days. Very early summer squash; also known as Patty Pan.

**EARLY YELLOW BUSH SCALLOP.** 60 Days. A true bush. Earlier and smaller than the above.

**BANANA.** 120 Days. A prolific, oblong variety 2 1/2 feet in length by 6 inches in diameter, having a gray-green shell, with irregular stripes and dashes of a darker shade, distinctly pointed at the blow end; solid, dry flesh with small seed cavity.

**GOLDEN HUBBARD.** 110 Days. Similar to the old Hubbard in form and habit, though smaller and decidedly earlier; shell moderately warted, rich orange-red; flesh deep orange, fine quality; good keeper.

**IMPROVED HUBBARD.** 120 Days. The standard Winter Squash. Shell moderately warted; deep dark bronze-green; flesh bright yellow, fine grained, thick and dry.

**CHICAGO WARTED HUBBARD.** 120 Days. Similar in quality and form to the Hubbard, but fruit larger and a little later.

**SWEET POTATO.** Fruit light yellow with green stripes, 6 to 8 inches long and thick flesh.

**TOBACCO**

**CULTURE**—A very clean piece of land is best for tobacco. It is customary to burn a piece of land in the woods for plant beds. This destroys grass, weeds and insects, adds fertility through the action of the wood ashes, and leaves the ground in good order. The seeds are sown about February and protected by plant-bed cloth to keep off tobacco flies. When large enough and weather is settled (about June), set the plants out in highly manured or fertilized soil in 3 1/2-foot rows, 3 feet between the plants. Constant care must be given, cultivating, suckering, worming, etc. Methods of curing differ according to the variety and color; 1 ounce sows 50 square yards, sufficient to set 2 or 3 acres.

**JUDY'S PRIDE.** This type of White Burley is the best of any variety grown in this section. Makes the largest yield and the highest grade of leaf, which is much superior to that grown in other sections. Good, bright leaf, small stem and wonderful flavor. Pkt., 20c; oz., \$1.00; postpaid.

The following varieties are old standards: Red and White Burley, Sweet Oronoco, Yellow Prior. Pkt., 10c; oz., 50c; postpaid.

**RED ARROW GARDEN SPRAY—** Ideal for home gardening. See Page 31.

**SPHAGNUM MOSS**—For packing vegetable plants. \$2.25 per bale, f. o. b. our store.

★ Heathful Eaten  
Cooked or Raw ★

# TOMATOES

★ Star  
Brand ★

Our Improved Tomato Seed Is Grown Strictly for Seed Purposes Only. They Are Not a Hit and Miss Lot of Seed from some Canning Factory.

## TOMATOES

Pkt., 10c.

**CULTURE**—One ounce of seed will produce from 2,000 to 3,000 plants. Sow the seed in hotbeds during March. When the plants are 2 inches high transplant into cold frames, plant boxes, paper pots or earth bands. After all danger of frost is over, set these plants into the open ground. The soil should be warm, mellow and fertile. Set plants 4 feet apart each way. Cultivate often and as long as the plants permit. By training the tomato vines on trellises or tying to stakes, the fruit will ripen better and be of finer flavor. A wire fence is a good support. When frost is feared in the fall, pull the laden vines and hang in a shed or cellar and many will continue to ripen. When transplanting, mix one level teaspoonful of Vigoro thoroughly with soil in which plant is to be set. When flowering starts, apply one level tablespoonful of Vigoro within 6-inch circle around plant, keeping it off stems and leaves. Repeat application every two to three weeks.

1 oz. to 2,000 plants.

Set 3 feet apart takes 4,840 plants per acre.

Set 4 feet apart takes 2,723 plants per acre.

**STONE.** 86 Days. The standard and general favorite with truckers and canners; always dependable, very vigorous and productive; fruits round, large, solid, smooth and deep red in color.

**GREATER BALTIMORE.** 82 Days. A heavy fruit bearing variety; earlier and more productive than the Stone. Fruits large, solid, round, red and free from blemish. Ideal for canning or the garden.

**MARGLOBE.** 79 Days. Earliest wilt resistant variety. This fine tomato is the result of a crossing of the Early Marvel with the fine flavor and form of the Globe. The meat is solid, has very few seeds, non-acid and has a rich red color, is excellent for local market and is one of the leading canning varieties.

**EARLIANA (Spark's).** 64 Days. The earliest and best of the very early tomatoes; very productive for an early sort; fruit of fair size, round, very smooth and solid, and produced in clusters in center of the plant; color bright scarlet.

**BONNY BEST.** 73 Days. About a week earlier than Chalk's Jewel; fruit somewhat smaller, very smooth, round, solid and uniform, and produced in clusters in center of the plant; ripens uniformly and is very productive; color bright red.

**RUTGERS.** 75 Days. Globe shaped, small seed cavity. Ripens from the inside out. One of the heaviest croppers; recommended for canning and juice.

**CHALK'S JEWEL.** 74 Days. An exceptionally fine variety, about ten days later than Earliana; fruit uniformly smooth, round and solid; color crimson.

**CRIMSON CUSHION or ENORMOUS.** 90 Days. The largest of the bright red tomatoes; really a Red Ponderosa.

**JOHN BAER.** 70 Days. An early, productive red tomato on the order of Chalk's Jewel. We have a splendid, uniform stock of this variety.

**JUNE PINK.** 70 Days. In habit of growth, productiveness and size of fruit identical with Earliana, differing only in having purple fruit; the best extra early purple variety.

**OXHEART.** 100 Days. The largest of all tomatoes, purple fruits often weighing up to a pound and a half. Of distinct "ox-heart" form, very solid, with few seed cells.

**MONSTER.** 90 Days. An exceptionally large, purple-fruited tomato, and for home use one of the best; fruit very solid, with few seeds.

**PRITCHARD.** 73 Days. A mid-season scarlet fruited sort, which is resistant to Fusarium Wilt and to Nail Head rust. Vine vigorous and productive. Fruit nearly globular in shape.

## TOMATOES

**NEW VARIETIES—TRY THESE**  
**VALIANT.** 68 Days. Fruits firmer and better quality than Earliana. Bright scarlet.

**STOKESDALE.** 70 Days. Fruits larger and more solid than Bonny Best. Brilliant red.

## TURNIPS

Pkt.	Oz.
5c	10c

**CULTURE**—For early use sow very thinly in March or April in drills from 12 to 15 inches apart; thin out to 6 inches in the rows. For fall or winter crop, sow in July and August. The old saw: "On the twentieth of July, sow your turnips, wet or dry," is good advice and sow very sparingly—one seed to the inch is enough. The Rutabagas are grown for feeding stock, and are also excellent for table. One ounce will sow 150 feet of drill; 1 to 1½ lbs. to the acre.

**PURPLE TOP WHITE GLOBE.** Almost a perfect globe in form; flesh and skin white, colored purple or red, above ground; very fine grained and sweet; a superior variety.

**PURPLE TOP STRAP LEAVED.** The most widely cultivated and best known variety; a very early, productive sort; roots are flat, medium sized, purple or dark red above ground, white below; flesh white, tender and fine grained.

**POMERANIAN WHITE GLOBE.** One of the largest and most productive; roots often grow to weigh 10 to 12 pounds, are globe shaped, slightly flattened; skin smooth and white; for stock feeding.

**AMBER GLOBE (Green Top).** One of the best yellow-fleshed sorts; roots globular and of large size; skin clear yellow except the top, which is tinted green.

## VEGETABLE PLANTS and ROOTS

We have the best equipped Greenhouses and Trial Gardens in the Southwest for growing plants; 55,000 square feet of glass.

In their proper seasons we shall have large quantities of all kinds of vegetable plants of our own growth. Give us ample time to select, pack and ship your order. By doing so you will secure better plants. Should we be sold out of the variety of plants ordered, we will send a nearly similar kind instead. They will be carefully packed and will carry long distances. Plants by mail at purchaser's risk. No charge for packing, etc. Special prices to growers and canners.

**TRANSPLANTED PLANTS WILL BE SENT UNLESS OTHERWISE STATED ON YOUR ORDER**

### CABBAGE—

Frost Proof	Doz.	100	1000	Ready
Transplanted,				
home grown...	\$0.15	\$1.00	\$7.50	Feb. 15
Tomato, Trans...	.15	1.00	8.50	April 1
Peppers, Trans...	.25	1.50	...	April 1
Cauliflower, Tns.	.25	1.50	...	Feb. 15
Sage. Clumps.....	50c	each		Feb. 15
Eggplant, Trans.	.25	1.50	...	Mar. 15
Celery .....	.15	1.00	...	April 1
Sweet Potatoes—				
Standard .....	.50	3.50		May 1
Nancy Hall. ....	.50	3.50		May 1
Parsley .....	.25	1.50	...	April 1
Chives, bch.....	.15	1.00	...	
Asparagus Roots	.60	3.50	...	
Horseradish Rts.	.95	...	...	

Prices quoted above on plants are at our store only. By parcel post add 10c for first dozen, 5c for each additional dozen, for postage and packing.

**CUPROCIDE 54**—For control of Blight and Leaf Spot on Tomatoes. 3-lb. bag, \$1.20.

**TWINE**—For tying Tomatoes. Ask for prices.



Greater Baltimore



Marglobe



Purple Top White Globe

# HYBRID CORN

SUPERIOR—DEPENDABLE—ECONOMICAL

## A HYBRID CORN ADAPTED FOR THIS AREA

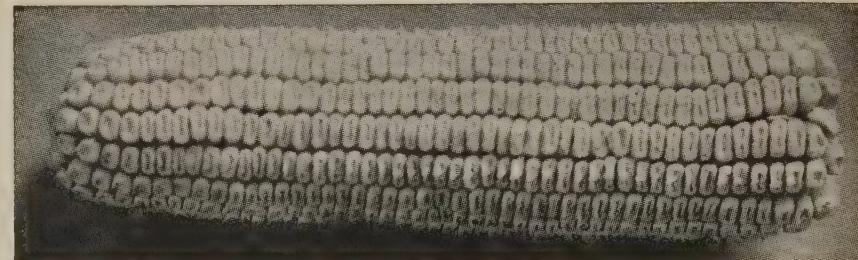
**STAR BRAND 808 HYBRID CORN.** The ears of this corn are longer and larger than Missouri No. 8 and it has a wide adaptability for a variety of soils. It shells well, is resistant to chinch bugs and grasshoppers and matures in 118 to 120 days. It is recommended for all of South Missouri, average height of plants is 10 feet with an ear height of approximately 4 feet. Has a strong stalk strength and is adapted for soils of average fertility. Highly drouth resistant.

**MISSOURI No. 8 HYBRID CORN.** Has a larger and deeper root system which aids in obtaining moisture and to resist drouth. Its vigorous growth makes it more resistant to insect damage and diseases. It is less likely to be damaged by wind on account of the strong root system. Matures in about 110 days and grain is less hard and flinty than some hybrids.

**STAR BRAND 606 HYBRID CORN.** 110 to 115 day maturity. Plant height about 9½ feet with ear height about 4 feet. Deep grained, very strong stalk strength. Adapted to bottom land and soils of high fertility. Very highly resistant and high yielder.

**U. S. 13.** Known to most farmers in this section. Produces strong stalks with a rapid growth, developing in about 120 days. Stands drouth well and is chinch bug resistant. Has a large single ear with a short shank. Kernels deep, large round and softer than some Hybrids.

**RED JUNE.** Often matures in 65 days. Produces a medium stalk, with two good-sized ears. Is well suited for both lowland and upland. You will certainly be amazed at the large yield from this corn. This special lot of Red June is well adapted for this section as it has been grown here for the past three seasons. Plant a peck of this corn for your early use.



**REID'S YELLOW DENT.** Thoroughbred, pedigreed, carefully selected stock. It is of handsome shape and color and largely grown for exhibiting at fairs, and is used by many corn schools as a standard for judging, and is too well known to require lengthy description. Matures in about 115 days.

**ST. CHARLES WHITE.** The famous Ensilage Corn of the South. We have improved this type and have perfect success with it in this climate. Matures in 110 to 115 days. Pure white corn, red cob, medium small; grain extra deep, ear transparent white.

**GATE POST.** This is now one of the most prominent late varieties of Yellow Dent Corn in the country. It matures in about 115 days.

**HICKORY KING.** This is an entirely distinct variety among the white corn, the largest grain, the smallest cob. It is a great yielder, makes most excellent hominy.

**NEAL'S PAYMASTER.** 100-day corn. Is well suited for both lowland and upland. Produces a medium stalk with two good ears, broad white grains on a red cob, fills out well.

**BOONE COUNTY WHITE, IMPROVED LEAMING, IOWA SILVER MINE, IMPROVED GOLDEN BEAUTY, IOWA GOLD MINE, BLOODY BUTCHER, STRAWBERRY CORN, SWEET CORN FOR FODDER.**

**MEXICAN JUNE CORN.** One of the standard silo corns; good big stalks and ear.

**TREAT SEED CORN with NEW IMPROVED SEMESAN JR.—Treatment of heavily diseased seed increases yields as much as 21 bushels per acre.**

## FARM and FIELD SEEDS

**ALFALFA.** 60 pounds a bushel, sow 20 pounds per acre. Is a perennial legume and will produce more choice feed per acre than any other crop.

**GRIMM ALFALFA.** 60 pounds a bushel, sow 20 to 25 pounds per acre, differing in type, having the lateral or branching root system in place of the usual main tap root of most alfalfas.

**MEDIUM RED CLOVER.** 60 pounds a bushel, sow 8 to 12 pounds per acre. One of the most valuable legumes of the clover family. Cut for hay or plow under for soil fertility.

**MAMMOTH or SAPLING CLOVER.** 60 pounds a bushel, sow 8 to 12 pounds per acre. Resembles the Medium Red but grows coarser and more vigorous.

**ALSIKE CLOVER.** 60 pounds a bushel, sow 4 to 8 pounds per acre. Grows in wet bottom land also on upland loamy soils, makes wonderful hay and pasture, sown with other grasses.

**WHITE DUTCH CLOVER.** 60 pounds a bushel, sow 4 to 8 pounds per acre. Very hardy, used extensively for permanent pasture and lawns.

**SWEET CLOVER.** 60 pounds a bushel, sow 20 pounds per acre. Resembles Alfalfa both as to appearance and habit of growth when young. Good land builder, does best on soils containing lime.

**HOP CLOVER (YELLOW).** Is probably the earliest clover and is recommended in pasture mixtures, combining well with other crops. Height of plant about 6 to 8 inches. Use 1 to 3 pounds per acre in pasture mixtures.

**HUBAM CLOVER.** 60 pounds a bushel, sow 20 to 25 pounds per acre broadcast. Annual Sweet Clover instead of perennial.

**JAPAN CLOVER or COMMON LESPEDEZA.** 25 pounds a bushel, sow 15 to 25 pounds per acre. Grows most anywhere providing pasture and on some soils makes hay.

**TIMOTHY.** 45 pounds a bushel, sow 12 to 15 pounds per acre. It is the best known and most extensively grown tame grass in the country.

**TIMOTHY and ALSIKE.** 45 pounds a bushel, sow 15 to 20 pounds per acre. Adapted for the same kind of soils, matures at the same time, producing a good crop of hay or pasture.

**TIMOTHY and CLOVER.** 45 pounds a bushel, sow 15 to 20 pounds per acre. A very practical mixture for hay.

**KENTUCKY BLUE GRASS.** 14 pounds a bushel, sow 20 to 30 pounds per acre. The foundation of hardy lawns and a natural pasture grass.

**RED TOP.** 14 pounds a bushel, sow 15 to 20 pounds per acre. A hay and pasture grass, succeeds on most kinds of soils, especially wet natured land.

**ORCHARD GRASS.** 14 pounds a bushel, sow 14 pounds per acre. Hay and pasture grass furnishes good pasture both very early spring and late fall. Coarse growing bunch grass.

**MEADOW FESCUE or ENGLISH BLUE GRASS.** 24 pounds a bushel, sow 20 to 30 pounds per acre. Valuable, hardy pasture grass, suited almost to every climate, dry or wet, hot or cold.

## YEAR-ROUND PASTURE

Farmers are realizing more and more the value of providing pasture for live stock on account of increased prices and the shortage of feeds.

The following crops are recommended for use in a year-round pasture program by the Missouri Agricultural Experiment Station:

1. Blue Grass pasture in late spring, early summer and winter.
2. Lespedeza pasture in midsummer and late summer.
3. Winter Barley or other grain pasture through the whole fall and early spring.

Also recommended are Sweet Clover and Sudan Grass for summer and Crimson Clover and Vetch for fall.

Write the College of Agriculture, Agricultural Experiment Station, Columbia, Missouri, for Circular 193 for "An All-Year Pasture System for Missouri."

All Prices Quoted Are Subject to Change and OPA Ceilings.



## Star Brand IN SEALED BAGS, PURITY AND GERMINATION CERTIFICATE ATTACHED

For forty years the farmers of the Ozarks have put their faith in "Star Brand Seeds" in sealed bags. Why? Because "Star Brand" Seeds are of the highest type, fully matured, perfectly recleaned, analyzed for purity and tested for germination. To enable you to secure your seeds at the lowest price we have local representatives in every community who order their seeds in large quantities or car-load lots. You can save money by ordering through our local representative.

**GERMAN MILLET.** We secure our Big German Millet seed only from the section that produces Big Type German Millet. The best of the millets, it is very prolific and produces an abundance of good hay when cut in the bloom stage. Makes a good catch crop following wheat or oats and its quick growth insures you of a large quantity of sweet, palatable and milk-producing hay. Is sometimes sown with early cowpeas at the rate of three pecks of millet to a bushel of cowpeas. Be sure to get the true type Big German Millet as it is not to be compared to other varieties.

**KOREAN LESPEDEZA.** The finest of legumes for reclaiming worn out soil. A good drought resistant; it has won the distinction of being the best Summer Legume pasture which so far has been introduced in this country. It will stand heavy grazing from early summer until killed by frost. Is ideal in permanent pasture mixtures with

Inoculate all Legume Seeds with

## NITRAGIN

1898—Forty Seven Years of Service—1945  
When ordering, Always state name of seed.

### ALFALFA

Swt, Bur, Hubam Clovers  
Size Retail  
1 bu. each...\$.50  
2½ bu. each...1.00

### CLOVERS

Medium & Mammoth Red,  
Alsike, Crimson & White  
Clovers

1 bu. each...\$.50  
2½ bu. each...1.00

### LESPEDEZA

100 lb. size (Inoculates up to 100 lbs.) ...\$.50

### PEAS (All Varieties)

### VETCHES (All Varieties)

100 lb. size (Inoculates up to 100 lbs.) ea...\$.50  
1200 lb. size ea.. 5.70  
(12-100 lb. cans)

### LUPINES (All Varieties)

100 lb. size (Inoculates up to 100 lbs. seed) ea. \$.50

GARDEN SIZE—Peas, Beans, Sweet Peas, Lupines, Lima Beans and Edible Soybeans  
Enough for 8 lbs. seed — Retail Price 10c each

### SOYBEANS

Size	Retail
Small, (Inoculates up to 120 lbs. seed)	\$.30
5 bu. each.....	.55
25 bu. each.....	2.50
(One can)	
30 bu. each.....	3.25
(6-5 bu. cans)	

**BEANS—Navy, Pinto,  
Wax, String, Kidney  
and Great Northern**

1 bu. each ....\$.35

### PEANUTS, LIMA BEANS, COW PEAS

Small, (Inoculates up to 120 lbs. seed) \$ .30

5 bu. each..... .55

25 bu. each..... 2.50

(One can)

30 bu. each..... 3.25

(6-5 bu. cans)

## GRASS SEEDERS



**CAHOON.** A splendid seed sower that will pay for itself in a few days in the time saved. Each.....\$3.50

**CYCLONE.** Each..... 2.75

**LITTLE GIANT.** Similar in operation to the Cyclone. Size slightly smaller. Each.....\$2.65

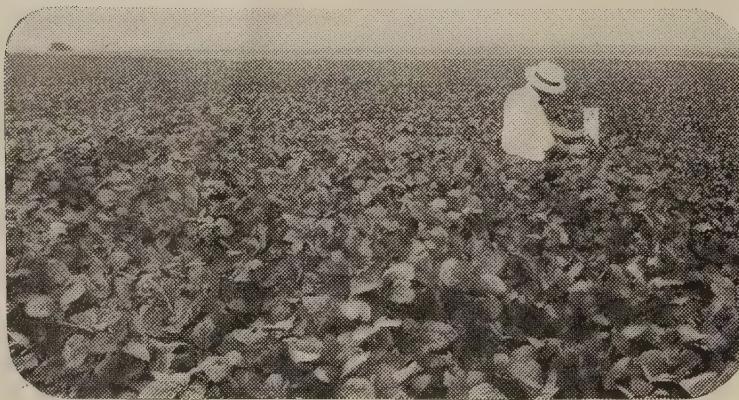
**THE HORN.** Each..... 1.00

Postage extra, 15c each.

## Star Brand RED CLOVER

At the present time it is exceptionally desirable to get a part of the farm back in this best known of the hay and legume crops. Red Clover is the best known soil builder and hay crop in this section and is also a valuable seed crop, and works in splendidly in a permanent pasture mixture.

## FARM and FIELD SEEDS—(Cont'd)



**SERICEA PERENNIAL LESPEDEZA.** Often called "The Poor Land Alfalfa." It comes each year from the crowns like Alfalfa, has an enormous root system and is a good soil builder when seeds are inoculated at planting time. Sow only scarified seeds at rate of 20 pounds per acre during April and May, preparing the seed bed as for Alfalfa and covering lightly.

**DOMESTIC RYE GRASS.** 24 pounds a bushel, sow 40 to 50 pounds per acre. A perennial, fine leaved grass, valuable as a green forage plant on land not easily cultivated.

**BROME GRASS or BROMUS INERMIS.** 14 pounds a bushel, sow 20 pounds per acre. Noted for its drouth resisting qualities and is adapted to many soils. Big producer, makes good pasture.

**BUCKWHEAT.** 52 pounds a bushel, sow 25 pounds per acre. There are two distinct varieties, Japanese and Silverhull. The Japanese variety is regarded earlier. They can be sown as second crop following Barley, Rye, Wheat and Oats. Good for bees.

**WINTER BARLEY.** Mo. Early Beardless. 48 pounds a bushel, sow 95 to 100 pounds per acre. It makes a quick growing crop of most excellent and nutritious feed either to use green or cure for hay. About ten days earlier than other Winter Barley.

**WINTER BEARDED BARLEY.** 48 pounds a bushel, sow 95 to 100 pounds per acre. A very hardy variety and is used for heavy pasturing during the winter months, from which large yield of grain may be harvested. The best winter pasture variety.

**BROOM CORN.** 48 pounds a bushel, plant 5 to 8 pounds per acre. We handle the four standard varieties: Improved Evergreen, Dwarf Evergreen, Black Spanish and White Italian.

**RAPE.** Dwarf Essex, 56 pounds a bushel, sow 8 pounds per acre. Provides pasture for all kinds of stock. Makes a large yield of green forage per acre and is very fattening. A good green manure crop.

**SUNFLOWER.** Mammoth Russian, sow 7 pounds per acre. Produces heads of an immense size, 15 to 20 inches in diameter, fine for poultry.

**RYE.** Winter and Spring, 56 pounds a bushel, sow 1 to 1½ bushels per acre. Has long been recognized as one of our best grains for winter pasture.

**BALBOA RYE.** Introduced in the last few years, grows much faster than any other rye. Stools much heavier, which means doubling the amount of grazing per acre. Also a much heavier grain producer, starts earlier and keeps green longer. Sow 1 to 1½ bushels per acre.

**VETCH.** Sand or Hairy and Spring, 60 pounds a bushel, sow 60 pounds per acre. Splendid variety of forage plant, hardy, valuable winter cover crop. Land builder.

**FLAX FOR SOWING.** 56 pounds a bushel, sow 35 pounds per acre. Grown in several states for the seed.

**FETERITA.** 50 pounds a bushel, sow 25 pounds per acre. The grain is white, large and softer than Kaffir. Matures early.

**MUNG BEANS.** 8 pounds of seed plant an acre. Seeds are small, mature about 15 days earlier than Soy Beans or Cow Peas and produce larger cuttings of hay.

**OATS.** 32 pounds a bushel, sow 1 to 2½ bushels per acre. Leading varieties for the Ozarks: Texas Red Rustproof, Lincoln White, Kanota, Winter Turf, Columbia, Fulghum.

**OATS, WINTER TURF.** When sown early will furnish winter grazing crop as well as a good crop of grain in the spring.

**WHEAT.** 60 pounds a bushel, sow 90 pounds per acre. Fuleraster, recleaned winter soft. Fulohio, recleaned winter soft.

**FODDER CANE SEED.** 50 pounds a bushel, sow 75 to 100 pounds per acre. For fodder. Leading varieties used: Early Orange, Standard Orange, Early Black Amber, Grohoma, Red Top, Texas Seeded Ribbon, Japanese Honey Drip, Darso.

**MILLET.** 50 pounds a bushel, sow 25 pounds per acre. The German type is most widely grown. WHITE WONDER is also very popular, produces even larger heads than the German type. HOG MILLET or Manitoba not so much for hay but yields enormous quantities of seed. JAP MILLET or Billion Dollar Grass, a wonderful hay producer, adapted to all sections and especially fine for low ground.

**MILO MAIZE.** 50 pounds a bushel, sow 40 pounds to the acre. A bigger grower, noted for its drouth resisting qualities.

**WHITE KAFFIR CORN.** 50 pounds a bushel, sow 25 pounds per acre. Standard of all kaffirs.

**HEGARI.** 50 pounds a bushel, drill 8 to 12 pounds per acre. Resembles White Kaffir but the heads are larger, stalks contain more sugar.

**COW PEAS.** 60 pounds a bushel, plant broadcast 60 pounds to an acre. Drilled ¼ bushel per acre. There is no cheaper way to improve poor land than by growing Cow Peas. They add nitrogen and improve the mechanical condition of the soil. Leading varieties are: Whippoorwill, Black Eye, Mixed, New Era, The Clay, Canada Field, Red Ripper, Sugar Pea, Blue Goose, Brown Eyed, Lady Pea.

**JOHNSON GRASS.** 25 pounds a bushel. Sow 20 pounds to the acre. (Prohibited in some states.)

**SOY BEANS.** 60 pounds a bushel, plant 1 bushel per acre. They make poor land good, they make good land better. Soy Bean hay contains a high per cent of protein, is superior to Cow Peas in feeding value and as a milk and butter producer is equal to Alfalfa and superior to Cotton Seed meal. The beans and bean meal contain about 35% of digestible protein and stock eat them with relish and thrive on them. Virginia, Early Yellow, Wilson (Early Black), Illini, Laredo, Manchu.

### Reduce Wastage of Seed, Fertilizer and Labor by Protecting Seed with



#### SEED DISINFECTANTS BEFORE PLANTING

**SEMESAN.** Treat your seeds, corms, bulbs, and seedlings with Semesan. Use as a dust or in solution with water, Semesan helps reduce seed rotting and damping-off, is highly effective against many seed-borne diseases, even reduces contamination of the soil by certain seed-borne diseases. One ounce treats 15 to 30 pounds of seeds. 1/3 oz., 10c; 2 oz., 40c; 1 lb., \$2.50; 5 lbs., \$11.40; 25 lbs., \$52.50.



This dry treatment for hybrid or open-pollinated field, sweet, or pop corn seed helps reduce seed rotting and checks seedling blight and certain seed-borne rots of root and stalk—gives the corn a healthy start so necessary for a satisfactory yield. Nine years' tests by one experiment station gave an average yield of 4 bushels per acre from the treatments used. Only 1 1/2 ounces of Semesan Jr. needed per bushel. 1 1/2 oz., 15c; 12-oz. can, 56c; 1 lb., 75c; 6 1/4 lbs., \$3.75; 25 lbs., \$12.50.

This easy dip disinfectant generally reduces the seed-borne scab and Rhizoctonia, and seed decay, thereby helps to improve yields and lower production costs. Average increase of 13.6 per cent in yields was obtained in tests. No mussy soaking. Treat your seed about as fast as you can dip it. One pound treats 60 to 80 bushels of seed—easily, quickly, inexpensively. 2 oz., 30c; 1 lb., \$1.65; 5 lbs., \$7.15; 25 lbs., \$33.25.



Use this dry treatment on seed wheat, oats, barley, rye, and peas, to reduce seed-borne diseases and to help improve your yield and thereby increase your profit. Tests by experiment stations prove its effectiveness against covered and black loose smut of barley, loose and covered smut of oats, stinking smut of all three. Usually, increased yields repay its small cost. Easily applied. One pound treats 32 bushels of grain. 4 oz., 30c; 1 lb., 80c; 4 lbs., \$2.70; 25 lbs., \$15.00.

Ceresan-treated cottonseed usually produces better stands of more vigorous plants and larger yields. Treatment allows earlier planting, reduces damping-off and seed decay, which occurs under cold, wet soil conditions. It checks the several seed-borne diseases. 3 ounces treat a bushel of fuzzy seed. 1-lb. size, 75c; 4 3/4 lbs., \$3.14; 5 lbs., \$3.30; 25 lbs., \$14.50.

Prices of DuPont Disinfectants are subject to change without notice and orders will be filled contingent upon supplies being available.





# Nursery Stock Department

Send in your order for nursery stock when you place your seed order. Our nursery department will ship the stock to you at the proper planting time. Our nursery stock is all strong, full of life plants, that are sure to grow.

For Complete Satisfaction  
Send Your Order to

**Springfield Seed Co.**

Below we are listing popular planting sizes of Evergreens very reasonably priced.



## Springfield Seed Company's Evergreens

Add a Cheerful and Colorful Touch to the Landscape.

**ABELIA GRANDIFLORA.** Small white, trumpet-shaped blossoms all summer. Glossy foliage.

Each  
18-24 in. (Not B&B).....\$1.25  
18-24 in. (B&B) .....1.95

**EUONYMUS PATENS.** Compact, with orange berries. Each

15-18 in. (B&B) .....\$1.50  
18-24 in. (B&B) .....2.00  
2-2½ ft. (B&B) .....2.50

**NANDINA DOMESTICA.** Foliage red in winter; clusters of red berries. Each

18-24 in. ....\$1.95  
2-2½ ft. .....2.50  
2½-3 ft. .....3.50

**ASHFORDI JUNIPER.** Slender pyramid-al; bluish.

Each	
2-3 ft.	\$2.35
3-4 ft.	3.35
4-5 ft.	4.50

**IRISH JUNIPER.** Tall slender tree. Excellent for doorways or beside the garden seat. Grey-green foliage. Each  
3-4 ft. ....\$3.75  
4-5 ft. .....4.75

All Evergreens F. O. B. Nursery.

Are grown by a crew of trained men who spend all their time in our evergreens, shearing and pruning with skilled hands to insure compactness and symmetry. No disease or insect pests are permitted a foothold in our trees and no weeds, noxious or otherwise, will be found in our evergreen blocks.

Evergreens too heavy to mail, will be shipped by freight, collect. These evergreens are field grown and have been transplanted several times to obtain an abundant supply of fibrous roots.

### ARBOR-VITAE

**AMERICAN PYRAMIDAL ARBOR-VITAE.** Each

2-3 ft.	\$2.75
3-4 ft.	3.75

**PFITZER'S JUNIPER.** The most popular spreading evergreen. Very hardy. Dark green foliage. Irregular type growth. Each

15-18 in.	\$1.95
18-24 in.	2.35
2-2½ ft.	2.75

**SCOTCH PINE.** Rapid grower. Red bark. Very hardy. A spreading tree. Each

2-3 ft.	\$2.95
3-4 ft.	4.00

### Evergreen Special

Transplanted Evergreens are mailable and we make this Special Offer for those who want good, small plants at a minimum of expense. (Bare rooted.)

**PFITZER'S JUNIPER.** (Spreading.) 10-15 in., 85c each; 3 for \$2.35.

**IRISH JUNIPER.** (Columnar.) 12-18 in., 85c each; 3 for \$2.35.

**SPINY GREEK JUNIPER.** (Conical.) 8-12 in., 85c each; 3 for \$2.35.



## Perennial Flowering Plants

Per 3, \$1.00 . . . Per 12, \$3.00 . . . Prepaid

**AQUILEGIA (Columbine).** A beautiful assortment of yellow and blue long-spurred flowers.

**CARNATION, Red-Pink.** Hardy with pink or red flowers on stiff stems; fine for cutting, all summer.

**CHRYSANTHEMUM.** Glorious fall-blooming flowers; your choice of red, pink, bronze, yellow, and white.

**COREOPSIS.** Golden yellow flowers on long stems; June until frost.

**DAISY, SHASTA.** Large pure white blossoms.

**DELPHINIUM (Larkspur).** Long showy spikes of varying shades of blue. Blooms in June and July, sometimes again in the fall.

**GAILLARDIA BURGUNDY (New).** Shining wine-red flowers about 2½ inches across, borne on long, stiff stems, from June until frost.

**GARDEN PINKS.** Sweetly fragrant flowers in mixed shades from white through pink to red.

**GYPSOPHILA (Baby's Breath).** Two to three feet in height and most graceful in effect, with masses of tiny white flowers. Can be dried for winter bouquets.

**HOLLYHOCKS.** An old fashioned flower that is always a favorite. Ours are double flowering, mixed.

**LINUM PERENNE (Flax.)** Very attractive both in foliage and bloom. Flowers beautiful pale blue on slender, graceful stems.

**LILY OF THE VALLEY.** Fragrant, pure white bell-shaped flowers.

**MISSOURI PRIMROSE.** A low grower and profuse bloomer with solitary yellow flowers 4 inches across from June to August.

**PHLOX.** Showy flowers in a wide range of colors. Bloom from early summer till frost.

**PLATYCODON (Balloon Flower).** In the bud these flowers look like tiny toy balloons. They open to bright star-shaped flowers. Bloom nearly all summer. Colors blue and white.

**PYRETHRUM (Painted Daisy).** As the name implies, these flowers appear to be daisies that some clever artist has painted in shades of red. Bloom over a long period.

**STATICE (Sea Lavender).** Large, lacy sprays of lavender-blue flowers. Splendid to use with other flowers in making up bouquets.

**THYMUS, COCCINEUS SERPYLLUM.** A prostrate grower with brilliant scarlet flowers.

**SWEET WILLIAMS.** Fragrant showy flowers in early summer. Fine for cutting. Mixed shades of pink and red.

**TRITOMA (Red-Hot-Poker).** One of the showiest of all flowers. Large yellow to orange flower brands on tall stiff stems.

**TUNICA.** A pretty tufted plant with light pink flowers produced all summer; about 6 inches high.

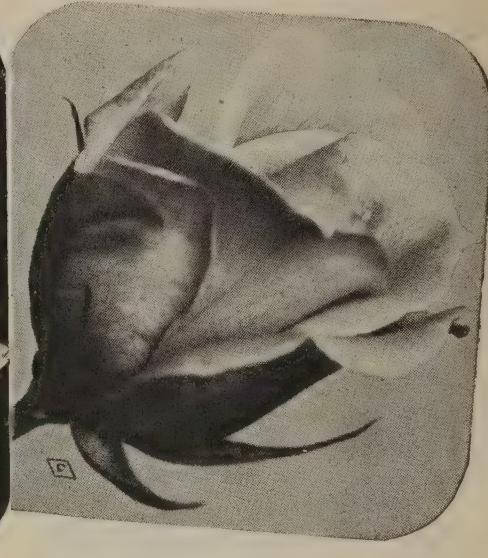
Any COMPLAINT with reference to any or all Nursery Stock must be made on arrival.



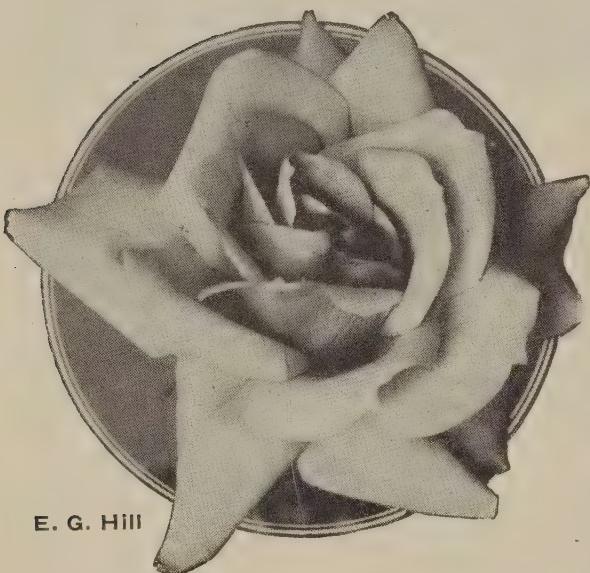
K. A. Victoria



Pink Radiance



President Hoover



E. G. Hill

# ROSES Two-Year Field-Grown Plants

FROM JUNE TO OCTOBER

Each, \$1.00; 3 for \$2.70.  
6 for \$4.80; 12 for \$8.50.

## PINK COLOR

**COLUMBIA.** Long stemmed, pointed flowers, vivid pink.**J. J. L. MOCK.** Deep carmine-pink, very large flowers.**PAUL NEYRON.** Dark lilac-rose, fragrant, nearly thornless.**LOS ANGELES.** Salmon-pink with yellow shading.**MISS ROWENA THOM.** Bright pink, yellow base, very large.**RADIANCE.** Brilliant rose-pink; America's most popular rose.**MRS. CHAS. BELL.** A shell-pink Radiance; free bloomer.**BRIARCLIFF.** Large, pointed buds of brilliant rose-pink; fragrant and long lasting.**BETTY UPRICHARD.** Delicate salmon-pink with coppery carmine reverse; verbena fragrance.**EDITOR McFARLAND.** Clear, brilliant pink; perfectly formed, long lasting when cut, strong stems.

Rouge Mallerin

For Lawns, use  
**VIGORO**

## RED COLORS

**MCGREDY'S SCARLET.** Bright scarlet. Vigorous grower.**ROUGE MALLERIN.** Deep rich red with a velvety texture; does not fade or blue. Very fragrant and healthy grower.**CHRISTOPHER STONE.** Large semi-double vivid scarlet flowers overlaid with velvety crimson. Has delicious old rose scent. Vigorous, upright habit, bright green foliage.

## YELLOW COLORS

**LADY HILLINGDON.** Pointed buds of deep saffron-yellow, fragrant. **PIERRE S. DUPONT.** Deep, golden yellow; wonderfully fragrant, steady bloomer.**ROSLYN.** Full golden yellow bloom, deep in center with orange splashes on back of petals.**JOANNA HILL.** Orange-yellow, dainty and lovely; fragrant.**LUXEMBOURG.** Copper-yellow with deep yellow stains at base.**MRS. E. P. THOM.** Large flowers of bright canary yellow.**VILLE DE PARIS.** Large globular flowers of clear yellow.

Etoile de Hollande

## TWO-TONE COLORS

**PRESIDENT HOOVER.** Cerise-pink, flame scarlet and yellow.**TALISMAN.** Bright apricot, gold and deep pink; very popular.**MARGARET MCGREDY.** Solid orange-vermilion, large, hardy.**EDITH NELLIE PERKINS.** Salmon-pink inside, rich copper-rose outside; large blooms. Early and continuous.**CONDESA DE SASTAGO.** Two-toned coppery pink inside, golden tint outside.

## WHITE COLORS

**K. A. VICTORIA.** Large, white, long lasting, fragrant; free bloomer.

## CLIMBING ROSES

Prices same as for Bush Roses.

**CLIMBING AMERICAN BEAUTY.** Carmine red, fine form.**PAUL'S SCARLET.** Intense scarlet, vigorous and free flowering.**DR. W. VAN FLEET.** Pale pink flowers; equal to best tea rose.

## POLYANTHA ROSES

These Monthly Bloomers are among the most popular large-flowering Polyantha Roses, all outstanding monthly bloomers and beautiful in color, with abundant fragrance that will fill the air in your garden and in your home.

**ELSE POULSEN.** Rose-pink.**GLORIA MUNDI.** Orange-scarlet.

Hardy as Spirea. Always in bloom. Require no spraying. All that they ask is a little cultivation. Plant these Roses by the dozens.

**LA FAYETTE.** Light cherry.**BABY IDEAL.** Red.

Betty Uprichard



Luxemburg

Thousands of rose growers depend on Vigoro, the complete plant food, to produce strong, healthy plants with large brilliantly colored flowers.



McGredy's Scarlet

Each  
85c4 for  
\$3.259 for  
\$6.7512 for  
\$8.50



JAPANESE QUINCE

## Heckrottii Honeysuckle

HARDY  
EVERBLOOMING

PRACTICALLY EVERGREEN  
DELIGHTFULLY FRAGRANT

Can be grown as shrub, vine or ground-cover.

80c each, 2 for \$1.50, prepaid

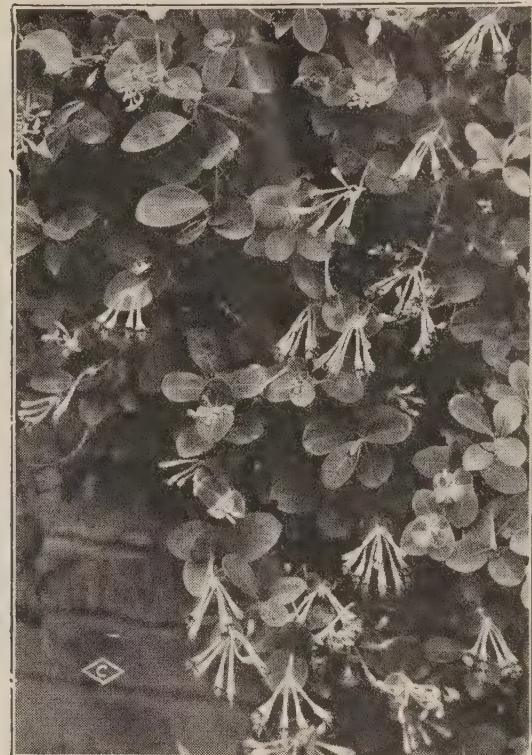
In bloom constantly from early summer until killing frost. Showy tubular flowers, with recurring petals; flame-red outside, bright yellow inside, borne in clusters, delightfully fragrant, almost evergreen. Can be used as an everblooming shrub, hedge, ground cover or vine. Known to be hardy in all parts of the country.



HYDRANGEA, P. G.

See Page 24 for description and prices on these Shrubs.

The Nursery Stock we offer is Missouri grown and is well adapted to this section.



HONEYSUCKLE

## Red Zabelli Honeysuckle

The new red Bush Honeysuckle. Bright red blossoms followed by red fruit. Grows 6 to 8 feet. Hardy, attractive foliage.

Parcel Post Grade.....\$0.55 Each  
Select Grade ..... .65 Each

## Silver Lace Vine

By far the fastest growing hardy vine—20 feet or more the first year. Leaves are glossy green. Completely covered with snowy white flowers.

\$1.10 each, 3 for \$2.75, postpaid . . . (See Page 22)

## Pride of Rochester

Earliest blooming in May. Many large, double white flowers. Grows about 6 feet tall. Popular on account of its regal appearance.

2 years old, 50c each; 3 for \$1.30; postpaid . . . (See Page 24)

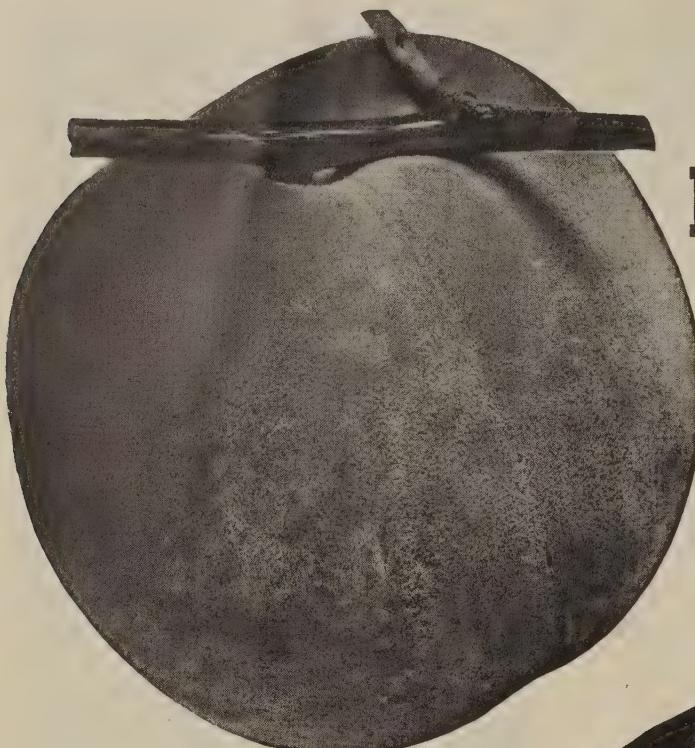
**PERFUME BUSH** or Honey-suckle Wolfi. One of our most beautiful, hardy, low growing shrubs. Has rosy lilac flowers which produce very spicy fragrance which fairly keeps the air perfumed night and day. Every garden should have one or more Perfume Bushes.  
Parcel Post Grade, 55c each.  
Select Grade, 65c each.

**GLOBE-FLOWER.** A handsome green-branched shrub growing 5 feet or more in height, with shiny bright green leaves and early double orange-yellow flowers throughout the summer.  
Parcel Post Grade, 75c each.  
Select Grade, 85c each.

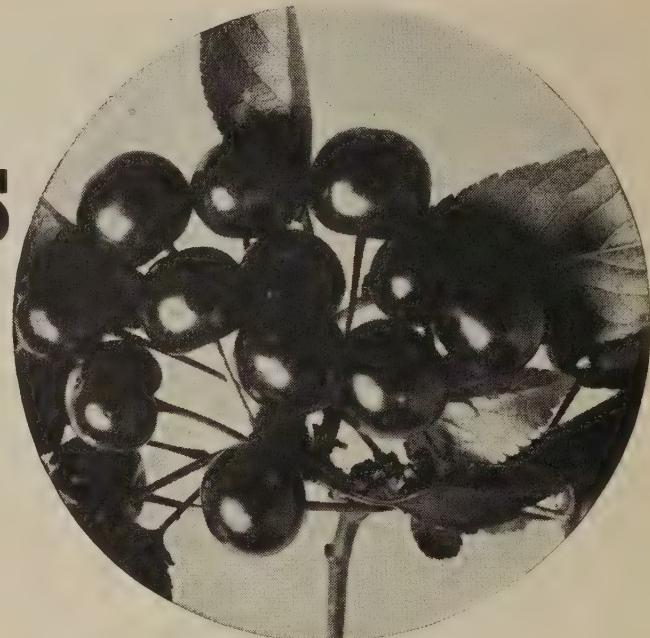
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DEUTZIA, PRIDE OF ROCHESTER

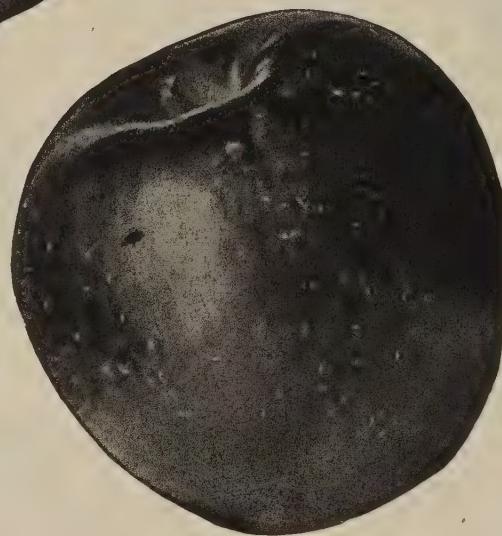


## FRUITS



**EARLY ELBERTA PEACH**

	Each	5	25
2-3 ft., prepaid.....	\$0.55	\$2.50	\$11.25
3-4 ft., prepaid.....	.75	3.50	15.00



**YELLOW DELICIOUS APPLE**

	Each	5	25
2-3 ft., prepaid.....	\$0.55	\$2.25	\$ 8.25
3-4 ft., prepaid.....	.76	3.25	12.25
4-6 ft., not prepaid.	1.00	4.50	19.95



**DIAMOND GRAPE**

White, midseason, large.

Each	.....	\$0.30
Per 4.....	.....	1.00
Per 12.....	.....	2.75
Per 25.....	.....	5.25

Prepaid.

**SPECIAL EVERBEARING STRAWBERRY**

The leading Everbearing Strawberry because of its outstanding performance. Large, bright red berries, good quality. Very productive and will bear 90 days after planting if planted in spring.

	25	50	100
Plants	.....	Plants	Plants
	\$1.50	\$2.75	\$4.95

Postpaid.

Any COMPLAINT with reference to any or all Nursery Stock must be made on arrival.



**DOUGLAS PEAR**

Known to produce a pay crop the second year after planting. Has produced fruit from the third set of blooms (first two sets froze). Blight-resistant. Good quality fruit and an excellent producer in all areas. Very popular in the South.

	Each
2-3 ft., prepaid.....	\$1.00
3-4 ft., prepaid.....	1.25
4-6 ft., not prepaid .....	1.50

# FRUIT SECTION

## APPLES

	Each	Per 5	Per 25
2-3 ft., prepaid.....	\$0.55	\$2.25	\$11.25
3-4 ft., prepaid.....	.76	3.25	13.75
4-6 ft., not prepaid.....	1.00	4.50	19.95

### EARLY—

**RED DUCHESS.** This is a strain of the Duchess. The only difference is that it colors somewhat earlier, and better, which is a big advantage for the commercial Apple grower. Profits are larger because of the earlier marketing quality. Plant a few of these in your orchard this year.

**YELLOW TRANSPARENT.** (Early Summer.) The best extra early Apple; medium size; a beautiful clear yellow; smooth, waxy, brilliant skin. Unexcelled for pies, tarts and apple sauce. Tree extremely hardy, upright, compact grower; often used as a filler; reliable cropper.

**WILSON JUNE.** (Midsummer.) A deep, solid crimson like a Red June; large, good quality. Hardy, vigorous, very productive, bears young. Most beautiful of its season; good shipper.

**WEALTHY.** (Late Summer.) A most dependable and widely planted late summer Apple; bright red striped; medium to large size. Ripens over a long season. Very good quality. Tree upright grower; often used as a filler; very hardy; bears young.

### FALL—

**GRIMES GOLDEN.** Highest quality; good for eating out of hand, for pies, marmalade and dumplings. Bright yellow with pink cheeks.

**JONATHAN.** Best known and best beloved of all apples. Bright red fruit, high flavor; bears young and abundantly.

### WINTER—

**RED DELICIOUS.** Fine grained, juicy, mild. A wonderful eating apple. Color light green shaded to dark red. You need this apple.

**MAMMOTH BLACK TWIG.** Fruit large, highly colored and very attractive. Tree a very strong grower.

**WINESAP.** December to April. Medium size, dark red, juicy, mild. Good to eat "as is" or for jellies, pies or marmalade.

**YELLOW DELICIOUS.** Some say the quality is better than even the Red Delicious. A dependable cropper and a good keeper.

**RED ROME BEAUTY.** Identical with the Rome Beauty except that it colors earlier and has more red color. Hence, it is a more profitable Apple for the grower. This is also a hardy, vigorous Apple tree, and is a popular favorite in almost every section of the apple country.

**RED STAYMAN.** Everyone is familiar with the wonderful, early coloring qualities of the Red Stayman. The Dark Red Stayman is a marvelous improvement over many Stayman Apples; has more color and keeping qualities. It is the solid dark red which makes it a universal favorite.

**TURLEY WINESAP.** A truly fine quality Apple of a beautiful ruby-red color of the Stayman type. Absolutely does not crack. This is Indiana's greatest gift to the Apple industry and their most precious crop. You, too, will find it a profit maker.

**BLACK BEN.** (Winter.) The best of the Ben Davis family. It attains a much higher color than Ben Davis or Gano. The tree is hardier, more vigorous and more prolific than Ben Davis. Fruit is large, solid dark red.

**YORK IMPERIAL.** (Winter.) Bright pin-striped with dark red; fair quality. Its oblique or lop-sided shape is a notable characteristic. A very heavy bearer. Easy to handle. Imperial good keeper in dry storage.

## CRAB APPLES

**HYSLOP.** Large, very brilliantly colored, dark red or purplish, overspread with thick blue bloom; good jelly and preserves.

## CHERRIES

	Each	Per 5	Per 25
2-3 ft., prepaid.....	\$1.00	\$4.75	
3-3½ ft., prepaid.....	1.20	5.75	

**EARLY RICHMOND.** Medium size, dark red, very juicy; exceedingly productive and hardy.

**MONTMORENCY.** About ten days later than Early Richmond. The famous pie cherry. The fruit is large, red, mildly acid.

## PEACHES

	Each	Per 5	Per 25
2-3 ft., prepaid.....	\$0.55	\$2.50	\$11.25
3-4 ft., prepaid.....	.75	3.50	15.00

**CHAMPION (Freestone).** Flesh white with red at the pit; one of the best in quality and hardiness. Ripens midseason.

**RED BIRD (Clingstone).** The best of the early peaches. Good size, white flesh, good flavor. Hardy, vigorous, productive.

**GOLDEN JUBILEE (Freestone).** Fruit of enormous size, golden yellow, rich and syrupy. Ripens extra early. A new commercial variety.

**HALEHAVEN (Freestone).** Combines the best qualities of the J. H. Hale and South Haven. Yellow meat, early. Another new variety.

**J. H. HALE (Freestone).** Very large, deep golden yellow, of delicious flavor. Tree very hardy and productive.

**EARLY ELBERTA.** Our own special strain of Early Elberta that we have fruited for years. Ripens five days ahead of Elberta. A smooth-skinned Peach, yellow background with bright crimson blush. Much better flavor than regular Elberta and of good size. Brings top prices on every market.

**BELLE OF GEORGIA (White Freestone).** (Midseason.) An unusually handsome large Peach. Creamy white blushed with red; good quality. A favorite with commercial growers. Very hardy, vigorous and productive. Ripens August 1st.

**FRANKS.** This Peach highly recommended by Missouri Experimental Station, has proven hardiest and most profitable Peach on their grounds. Fine flavored, large yellow cling covered with red; ripening 5th of September. Clings always make good market peaches. The fruit is beautifully blushed, firm, rich, most delicious in flavor. You will find the Franks a very superior Peach because of its great size, beautiful color, high quality, and high production.

**LATE ELBERTA (Yellow Freestone).** A large yellow Peach with red cheek, of Elberta type, ripening last of August, extending the Elberta season twenty days.

## GARDEN ROOTS

**ASPARAGUS.** 2-Year Washington Rust-Proof. For tender, green tips in early spring. 25 roots, 95c; 100 roots, \$3.35; prepaid.

**RHUBARB (Pieplant).** 5/8 inch. Large stems in early spring for pie-making and stewing. Plant shallow in your richest soil to grow the largest stalks. 30c each; 12 roots, \$2.50; prepaid.

**HORSERADISH.** To be dug in late winter or early spring for an appetizing relish. 6 roots, 55c; 1 doz., 95c; prepaid.

**FRUITONE**  
REG. U. S. PAT. OFF.

### THE HORMONE SPRAY

Stops premature drop of Fruits, Flowers and Leaves. Also increases production of Tomatoes, Beans, Corn, Alfalfa and Clover. 2/5-oz. Pkt., 25c; 2-oz. Can, \$1.00. Ask for prices in larger quantities.

## DAMAGE FROM INSECTS

The world contains approximately 6,000,000 kinds of insects, and, in the United States alone, insect damage and control amounts to about \$2,000,000,000 annually.

Any COMPLAINT with reference to any or all Nursery Stock must be made on arrival.

# SMALL FRUITS

## GRAPES

Plant in rows ten feet apart, eight feet apart in the row. Can be planted along the fence and turn that waste ground to a most profitable crop. Prices prepaid.

	Each	Per 5	Per 10	Per 25	Per 100
<b>CONCORD.</b> Black midseason, large .....		\$0.30	\$1.25	\$2.30	\$5.25 \$20.00
<b>MOORE EARLY.</b> Black, early, large, sweet .....	.30	1.25	2.30	5.25	....
<b>CACO.</b> Red, early, large, prolific .....	.30	1.25	2.30	....	....
<b>FREDONIA (New).</b> Black, early, good quality .....	.30	1.25	2.30	5.25	....
<b>DIAMOND.</b> White, midseason, large .....	.30	1.25	2.30	5.25	....
<b>DELAWARE (Red).</b> The standard of quality; the best table Grape. Unusually hardy; usually bears abundantly. Blooms rather late .....	.30	1.25	2.30	5.25	....
<b>FREDONIA (Purple).</b> A new Grape which experts and most growers say will soon become the leading black Grape in America. It ripens early, 10 days before Moore's early. Berries are large, very juicy, and have delicious flavor. This vigorous, productive variety is unusually hardy. Plant some Fredonia vines this year .....	.30	1.25	2.30	5.25	....

## CHINESE ELM SEEDLINGS

A splendid lot of large-size seedlings for extensive plantings. 25 Seedlings, 12-18 inches tall, for \$1.75, prepaid.

## BERRY PLANTS

	Doz.	25
<b>THORNLESS BOYSENBERRY.</b> A berry twice the size of a Youngberry, with a combination flavor of Loganberries, Raspberries and Blackberries. Produces berries about 2½ months' period of time. Prepaid .....		\$2.25 \$7.50

## BLACKBERRIES

	Doz.	25	100
<b>EARLY HARVEST.</b> One of the earliest berries, medium sized, good quality and very productive. Prepaid.....		\$1.60	\$2.60 \$9.00

	Doz.	25	100
<b>ELDORADO.</b> Fruit handsome in appearance and of high quality. Ripens in early midseason. Immune to blackberry rust. Prepaid.....	1.60	2.60	9.00

	Doz.	25	100
<b>MCDONALD.</b> (Very Early.) A blackberry-dewberry hybrid. It is large, oblong, very good quality; drought-resistant, vigorous grower; plant in rows 8 to 10 feet apart. The vine trails on the ground the first season like the dewberry, but grows upright the next year. Grown in Missouri, Oklahoma and Texas. Not hardy and is self-sterile. Plant every fourth row with Lucretia Dewberry or Early Harvest to develop good berries.....	1.60	2.60	9.00

Any COMPLAINT whatever to be registered immediately upon receipt of shipment, otherwise we will not entertain any complaints.

## STRAWBERRIES

### FOR SPRING SHIPMENT ONLY

**AROMA.** (Late.) Favorite market and home garden variety. Berries wedge-shaped, very deep red, solid, rich and delicious.

**NEW DORSETT.** Is a mammoth, brilliant berry; a tremendous yielder with fine flavor. The fruit is firm and delicious, consistently bringing higher prices on all the markets. Dark red, extra firm for shipping and market. Holds its large size throughout its long-bearing season.

**BLAKEMORE.** (Extra Early.) This fine variety has proved its worth during these drought years, producing large crops under most adverse conditions. Firm, excellent color, heavy producer.

**SENATOR DUNLAP.** (Medium Late.) The old reliable berry that thrives everywhere, producing big crops on all soils. A favorite for canning, table and market.

25 for 85c 50 for \$1.50 100 for \$2.85; Postpaid.

**SPECIAL EVERBEARING STRAWBERRY.** Has proved itself to be the most outstanding everbearing Strawberry yet introduced, vigorous, hardy plants bearing as heavily in the spring as any spring-bearing variety, yet producing an abundance of the finest berries from July to November.

25 for \$1.50 50 for \$2.75 100 for \$4.95; Postpaid.

## RASPBERRIES

12 for \$1.50 25 for \$2.45 100 for \$8.25; Prepaid.

### BLACK—

**CUMBERLAND.** Fruit large and firm; keeps and ships well. Stout, well branched canes that produce immense quantities of fruit.

### RED—

**CHIEF.** Extra early, extra large size, extra firm. Plants will stand hot, dry weather or severest winters.

**LATHAM.** Large fruit, richly brilliant red; most attractive. Perfectly hardy and a heavy crop producer.

**CUTHBERT.** (Red.) (Late.) The best red because of its superior quality and flavor. Berries are large, rich crimson, firm and one of the best for canning.

**GROW FRUIT and VEGETABLES  
for HEALTH and VICTORY**

## VINES

	Each	2 for
<b>BOSTON IVY.</b> Clings to smoothest wall; foliage dense; very hardy. Prepaid.....		\$0.75 \$1.35
<b>ENGLISH.</b> Semi-hardy evergreen vine; does best on north or east side.....	.75	1.35
<b>CLEMATIS JACKMANNI.</b> Dark purple flowers from four to six inches across. July to October. Prepaid..	1.15	2.00
<b>SILVER LACE VINE (Polygonum).</b> A rapid grower, bears a great mass of white flowers in late summer. Prepaid.....	1.10	2.00
<b>WISTERIA.</b> (Grafted.) Our plants are grafted and sure to bloom. Beautiful lilac-purple.....	1.25	2.95
<b>HALL'S HONEYSUCKLE.</b> Nearly evergreen; flowers white to yellow, very fragrant. Prepaid.....	.50	.90
<b>SCARLET TRUMPET HONEYSUCKLE.</b> Bright scarlet flowers in profusion. Prepaid.....	.60	1.15
<b>HECKROTTI HONEYSUCKLE.</b> Early blooming. Prepaid.....	.80	1.50
<b>BITTERSWEET.</b> Orange-yellow seed pods bursting open to show scarlet seeds, very attractive in early winter. Prepaid.....	.50	.90

**PROTECT YOUR FRUITS  
Ask for our complete Spray Chart.**

Any COMPLAINT with reference to any or all Nursery Stock must be made on arrival.

# SHADE TREES      NOT PREPAID

	Size	Each	2 for	5 for
<b>Transplanted Stock (not seedlings)—</b>				
BIRCH, WEEPING (Cutleaf or Silver)	4-5 ft.	\$2.15	\$....	\$....
	5-6 ft.	2.70	....	....
CATALPA BUNGEI (Umbrella Catalpa). Trimmed ready to plant. 2 year heads.....		2.95	....	....
ELM, AMERICAN. With wide-spread and drooping branches, this is our best street tree.....	5-6 ft.	1.25	....	....
	6-8 ft.	1.60	....	....
ELM, CHINESE. (Budded.) This is a select strain of Chinese Elm which we bud to get uniform habit of growth .....	5-6 ft.	1.00	1.90	....
	6-8 ft.	1.50	2.85	....
ELM, CHINESE. Rapid growing and dense foliage .....	5-6 ft.	1.00	1.90	3.45
	6-8 ft.	1.50	2.55	5.35
MAPLE, SILVER. Grows rapidly into very large tree, foliage light green with silvery underside.....	5-6 ft.	1.15	2.10	4.40
	6-8 ft.	1.70	3.00	6.45
OAK, Pin .....	5-6 ft.	2.00	....	....
POPLAR, SILVERLEAF. The best of all poplars .....	5-6 ft.	1.25	2.35	....
	6-8 ft.	1.90	3.00	....
POPLAR, LOMBARDY. Tall, slender trees for screens and backgrounds.....	5-6 ft.	.75	1.35	2.95
	6-8 ft.	.90	1.75	3.95
WILLOW, RUSSIAN GOLDEN WILLOW .....	4-5 ft.	1.00	1.90	....
	5-6 ft.	1.25	2.40	....
WILLOW, THURLOW WEEPING.....	4-5 ft.	.90	1.50	....
	5-6 ft.	1.15	2.10	....
PUSSY WILLOW .....	3-4 ft.	1.00	....	....
Above Not Prepaid.				

# HEDGES



An ornamental hedge speaks for itself. It frames the lawn and gives it a background. On the smaller grounds the low hedges are used, while for larger grounds and for screening purposes, the larger growing kinds are used. In most cases they should be planted one foot apart.

	Per	Per	Per
Plants 1 to 1½ ft. tall, branched.	12	25	100
AMUR RIVER PRIVET (Hardy Russian Privet). The hardiest of all. Holds its leaves until severely cold weather. Prepaid.....	\$2.25	\$4.00	\$15.00
THOMPSON'S PRIVET (For planting south of the Ohio River). Graceful habit of growth, very dense and almost evergreen. Prepaid..	2.25	4.00	15.00
CALIFORNIA PRIVET. Rich, dark green, lustrous leaves. Not quite so hardy as Amur River privet, but will come again if frozen back. Prepaid .....	1.75	3.25	8.75
SPIREA VANHOUTTEI. Makes one of the most beautiful and graceful of all hedges. Prepaid .....	2.75	5.25	15.00

## TRANSPLANTONE

Reg. U. S. Pat. Off.

The Vitamin-Hormone Plant Stimulant. Use on seedlings, shrubs, rose bushes and trees. Stimulates backward plants and regenerates roots. One ounce makes 1,000 gallons of solution. ½-oz. pkg., 25c; 3-oz. can, \$1.00.

For Flowers, use  
**VIGORO**

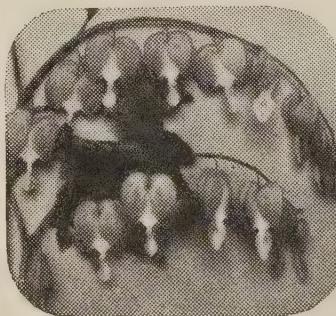
# FLOWERING TREES

Size Each

BECHTEL'S FLOWERING CRAB. A beautiful, compact tree with double pink flowers; very fragrant. Prepaid.....	2-3 ft.	\$1.00
FLOWERING PEACH. Few plants are more striking when in bloom than the flowering peach. Available in red.....	3-4 ft.	.75
HOPA FLOWERING CRAB. Pink flowers, red fruit, rapid growers. Prepaid.....	3-4 ft.	1.00
PURPLE LEAF PLUM. One of the best purple leaf plums; semi-dwarf. Prepaid.....	3-4 ft.	1.25
REDBUD (Judas Tree). Bright lavender flowers in early spring before the foliage appears. Not prepaid .....	4-5 ft.	1.10
DOGWOOD, White Flowering. Large white blossoms in early spring. Foliage colors beautifully in fall. Not prepaid.....	4-5 ft.	1.75
	5-6 ft.	2.25

Any COMPLAINT with reference to any or all Nursery Stock must be made on arrival.

TREE TANGLEFOOT. A paste preparation painted around trunk of tree to keep caterpillars, etc., from crawling into tree. 1-lb. can, 80c.



# PEONIES and BLEEDING HEARTS

Each, 85c; 3 for \$2.25; prepaid.

OLD FASHIONED BLEEDING HEART. You will be delighted with the long, graceful sprays of pink heart-shaped flowers that bloom early in the spring.

PEONIES. Always popular, always dependable. We offer three of the best varieties.

Sarah Bernhardt. Bright glowing pink.  
Festiva Maxima. Snowy white with carmen tip.  
Felix Crousse. Brilliant red.

# IRIS

3 for 60c; 12 for \$1.75.

BLACK PRINCE. Dark purple.	SANS SOUCI. Yellow and brown.
CELESTE. Azure-blue.	SHERWIN WRIGHT. Golden yellow.
LENT A. WILLIAMSON. Violet, golden beard.	SIBERIAN. Blue, narrow leaves.
MADAME CHOBAUT. Orange and red.	AMBASSADEUR. Velvety purple.
PERFECTION. Purple and lavender.	FREIDA MOHR. Deep pink.
QUEEN CATERINA. Pale violet.	MOTHER OF PEARL. Pale lavender.
QUEEN OF MAY. Rose and lilac.	OPERA. Violet-red.

# ORNAMENTAL SHRUBS

**2-Year, 1½ to 2 Feet**

Each, 50c; 3 for \$1.30; 6 for \$2.45; prepaid, your choice.

Quantities less than 6 take each rate.

**ALTHEA** (Rose of Sharon). Fine free-flowering shrubs or small trees. Blossoms of red, pink, purple or white, borne in August and September.

**BUTTERFLY BUSH FARQUHARI**. Better than the common Butterfly Bush; its lilac-purple flowers are borne in abundance throughout the summer and fall.

**DEUTZIA, PRIDE OF ROCHESTER**. Early blooming, flowers large, white tinged with rose.

**DOGWOOD, RED TWIGGED**. Smooth, slender, bright red branches in winter make a very pleasing contrast with evergreens and snow. Small white blossoms in summer.

**GOLDEN BELL** (Forsythia). A cascade of bright yellow flowers in early spring, followed by dark green foliage.

**GOLDEN ELDER**. Bright yellow foliage, white flowers.

**HONEYSUCKLE, TARTARIAN PINK**. A large-growing bush that will stand much abuse. Pink flowers in spring. May be sheared to form a dense hedge.

**JAPANESE BARBERRY**. Low-growing, dense; glossy green foliage in summer turning to coppery red in the fall, followed by brilliant red berries.

**JAPANESE QUINCE** (Fire-in-the-Bush). A brilliant mass of red in early spring with glossy green foliage throughout the summer.

**MOCK ORANGE**. Pure white, fragrant flowers in early spring. **PRIVET, Fern Leaf (Regel's)**. Low growing, dense shrub with horizontal branches; one of the best for shaded location.

**SNOWBERRY CHENAULTI**. Pink flowers, red fruit dotted white; gracefully arching branches, very small leaves.

**SNOWBERRY, WHITE**. Large waxy-white flowers in fall and winter.

**SPIREA FROEBELI**. Pink Dwarf Spirea. Flowers of a pleasing pink shade. Somewhat taller habit of growth than Spirea Anthony Waterer.

**SPIREA THUNBERGI**. White blossoms in earliest spring, foliage fine and feathery, making it an admirable foundation plant.

**SPIREA VAN HOUTTE** (Bridal Wreath). Best known and most widely used of all shrubs. Long sprays of white flowers completely cover the shrub in spring. Will grow anywhere in shade or sun.

**TAMARIX, GREEN**. Quite similar to the Blue Tamarix, but foliage of deep green and flowers of lighter shade.

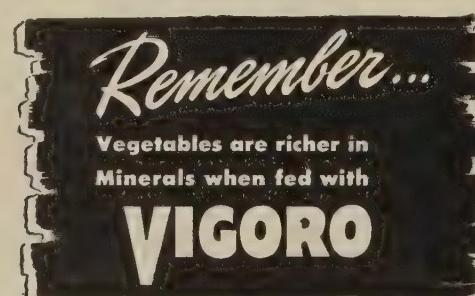


**Spirea (Bridal Wreath)**

## BETTER SHRUBS

**ALL PRICES PREPAID**

	Size	Each	Per 2
<b>ALMOND, FLOWERING</b> . Double rose-like flowers. Early, pink or white.....	12-18 in.	\$0.75	\$1.25
<b>ALMOND, FLOWERING</b> . Double rose-like flowers. Early, pink or white.....	18-24 in.	.75	1.25
<b>REDLEAF BARBERRY</b> . Bright red foliage all summer. Plant in full sunlight..	12-15 in. 15-18 in.	.50 .60	.95 1.15
<b>BUTTERFLY BUSH, CHARMING</b> . New pink flowering .....		1.00	....
<b>BUTTERFLY BUSH, ILE DE FRANCE</b> . Long thick flower spikes of rosy purple...No. 1		.75	1.25
<b>CRAPE MYRTLE</b> . Very showy flowers of crinkled, crape-like appearance, pink, red or white .....	1-1½ ft. 1½-2 ft.	.75 .75	1.25 1.25
<b>DESMODIUM</b> (Bush Clover). Weeping rose pink flowers in fall.....No. 1		.75	1.25
<b>HYDRANGEA, HILLS OF SNOW</b> . Ball-shaped clusters of snowy-white flowers in July and August .....	1½-2 ft.	.75	1.25
<b>HYDRANGEA PEGEE</b> . Huge panicles of light pink flowers in August and September, changing to brown in fall.....	1-1½ ft. 1½-2 ft.	.75 .85	1.25 1.50
<b>LILAC, CHINESE</b> . Grows 8 to 10 feet. Blooms second year, rosy purple.....		.75	1.25
<b>PHILADELPHUS VIRGINAL</b> . Large semi-double flowers of clear white, almost ever-blooming .....	1-1½ ft. 1½-2 ft.	.75 .75	1.25 1.25
<b>SNOWBALL</b> . Large globular clusters of pure white produced in May and June. Grows 6 to 8 feet in height.....	1-1½ ft. 1½-2 ft.	.75 .75	1.25 1.25
<b>SPIREA ANTHONY WATERER</b> . Red Dwarf Spirea. Showy red flowers borne in umbrella-like bunches throughout the summer .....	12-15 in. 15-18 in.	.75 .75	1.25 1.25
<b>TAMARISK, Africana</b> . Fine, graceful foliage with showy pink trumpet-shaped flowers in May. Grows 10 to 12 feet.....		.45	.85
<b>VITEX MACROPHYLLA</b> . Attractive lavender-blue flowers from July until frost; semi-dwarf habit of growth .....	1-1½ ft. 1½-2 ft.	.75 .75	1.25 1.25
<b>WEIGELA EVA RATHKE</b> . Red flowers in abundance .....	1½-2 ft.	.75	1.25
<b>WEIGELA ROSEA</b> . Showy pink trumpet-shaped flowers in May.....		.45	.85



**Hydrangea, Hills of Snow**

Any COMPLAINT with reference to any or all Nursery Stock must be made upon arrival.

## ACME APHIS SPRAY for ...

**ROSES . . VINES . . FLOWERS . . SHRUBS  
VEGETABLES . . BERRY BUSHES . . TREES**

3-oz. collapsible tube, 35c.

# OUR SUPERIOR MIXED LAWN GRASS

## TO MAKE A LAWN

Remember when making a lawn that it is to last for years, and be an ornament to the home, so give plenty of time and care to preparation before the seeds are sown. Several weeks before sowing dig the soil deeply, break up the lumps, apply our Premier Horticultural Peat Moss and a lawn fertilizer such as VIGORO and rake the top soil; at intervals of ten days or two weeks rake the surface to destroy the weeds, and before sowing have the surface as fine as a rake will make it. Sow half the seeds, then sow the other half at right angles to the first sowing—this gives an even distribution. After sowing rake slightly so as not to cover the seeds too deep—covering with a roller is better—small seeds cannot germinate if planted too deep, an eighth of an inch is about right. Do not put stable manure on your lawn, as it adds to the many weeds already in the soil, and if not well broken up the lumps of manure will smother your grass.

Start the lawn as early as possible to give the grass a chance to become well established before the spring growth of weeds.

### Lawn Grass Mixture Required

For 150 sq. ft. (10x15 ft.).....	1 lb.
For 300 sq. ft. (10x30 ft.).....	2 lbs.
For 5000 sq. ft. (50x100 ft.).....	.20 lbs.
For 43560 sq. ft. (1 acre).....	.175 lbs.

Use about one-half as much for renovating old lawns.

**SUPERIOR MIXED LAWN GRASS.** Per lb., 50c; 10 lbs., 45c per lb.; not postpaid.

**KENTUCKY BLUE GRASS.** Per lb., 50c; 10 lbs., 45c per lb.; not postpaid.

**WHITE DUTCH CLOVER.** Per lb., \$1.25; 5 lbs., \$1.15 per lb.; not postpaid.

**CREEPING BENT GRASS.** Per lb., \$1.25, not postpaid.

**RYE GRASS.** Per lb., 30c; 5 lbs., \$1.25; not postpaid.

**SHADY LAWN GRASS.** Per lb., 75c; 5 lbs., \$3.50; not postpaid.

**BERMUDA GRASS.** Per lb., 85c, not postpaid.

## ROOTONE

Reg. U. S. Pat. Off.

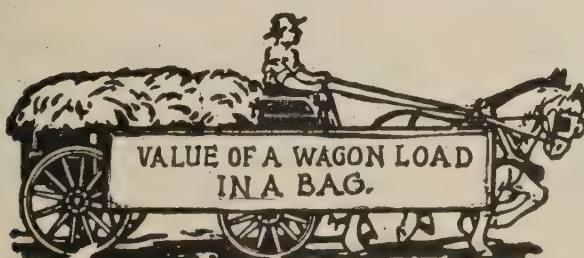
The Plant Hormone Powder. For better rooting of cuttings, seeds and bulbs. 1/4-oz. pkg., 25c; 2-oz. jar, \$1.00.



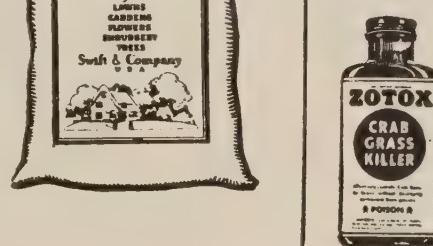
Applied as a spray over the entire lawn (or just on weeds themselves), MEO-181 attacks and destroys dandelion, plantain, crab grass, and many other weeds, yet only causes temporary browning of lawn grass—which comes back greener than before. No sterilizing effect on soil. A few minutes' spraying with MEO-181 produces better and more lasting results than many back-breaking, futile hours of digging and cutting. 1 gallon treats 200 square feet.

Quart.....65c Gal.....\$1.55 5 Gal.....\$7.25

### PULVERIZED SHEEP MANURE



Useful for lawns, vegetables, flowers, shrubs, and trees. Will not burn foliage. 25-lb. bag, \$1.00; 50-lb. bag, \$1.75; 100-lb. bag, \$3.00, F. O. B. our store.



### KILL Crab Grass

WITHOUT DESTROYING *Lawn Grass*

## ZOTOX

This amazing liquid chemical kills Crab Grass without permanent injury to lawn grasses. A 16 oz. bottle makes 10 gallons and treats 2000 sq. ft. ZOTOX also kills dandelion, plantain, chickweed, spurge and other lawn weeds. Full directions on bottle. Prices: 8 oz. \$1.00; 16 oz. \$1.50; 32 oz. \$2.50; 5 lbs. \$4.50.

Ask for free literature.

### PREMIER PEAT MOSS

Use Horticultural Premier Peat Moss for the physical improvement of soils, lawns, gardens, flower beds, shrubberies, chicken litter, etc.



Bushel size, 50c; per bale (about 100 lbs.), \$4.50 each.

### Five Points of Superiority Behind Premier's Star Performance

Here are the five important points to check when buying ANY brand of Peat Moss: 1. Light Weight. 2. Light Color. 3. Vacuum Cleaned. 4. Long Life. 5. Low Cost. You'll find that PREMIER qualifies on each and every count. That's why both professional and amateur growers find it pays to insist on this superior product. Literature on request.

## VIGORO

Complete plant food

### PRICES

1-lb. pkg.....	\$0.10	25-lb. bag.....	\$1.50
5-lb. pkg.....	.45	50-lb. bag.....	2.50
10-lb. pkg.....	.85	100-lb. bag.....	4.00

VIGORO supplies just what is needed to produce a beautiful lawn, flowers, shrubbery and trees. Vigoro is clean, odorless, sanitary, economical, and easy to apply by hand or spreader. For best results, follow the simple direction folder inside each package.

### Dimensions of Ground

20x 50 ft.  
20x 50 ft.  
50x100 ft.  
50x100 ft.

### Rate of Application per 100 Square Feet

2 lbs. (equal 1 qt.)  
4 lbs. (equal 2 qt.)  
2 lbs. (equal 1 qt.)  
4 lbs. (equal 2 qt.)

### Amt. Necessary for One Application

25 lbs.  
50 lbs.  
100 lbs.  
200 lbs.

Full directions for applying VIGORO are contained in the Home Beautiful booklet, a copy of which is enclosed in every bag of VIGORO. This booklet also gives valuable information on making a lawn, growing shrubbery, flowers, vegetables and trees.



All Flower Seed Prices Are Postpaid.  
PRICES: All Packets are 5c Each,  
Postpaid, except as noted.



# All Summer FLOWER SEEDS

## Loads of Beautiful Flowers

Flowers are something everyone should be interested in. They do so much to make the home beautiful and lovely. The flowers outside a home largely reveal the character within.

From just a few packets of seed you will be able to cut flowers by the basketfuls all summer and by doing so they just bloom all the harder.

Our seeds germinate quickly. All are tested and sent to you in big full-measure packets with instructions for planting on the back of each packet.

This year we are offering plants, too, of many of our finer varieties. All are grown from the finest selected seed stocks, transplanted and "topped," which means healthy, vigorous tops, as well as sturdy roots. Postpaid and satisfaction guaranteed. Send your order for plants right along with your seed order and we will mail the plants at the proper planting time.

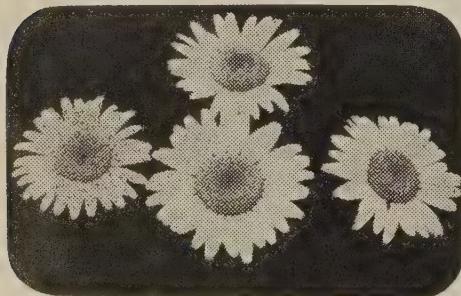
## RED ARROW GARDEN SPRAY

HIGHLY CONCENTRATED

See page 31.

## AFRICAN DAISY

(Dimorphotheca.) Grows 15 inches high. Blooms are 2½ inches across, ranging in color from white to salmon and orange with dark centers.



Daisy

## AGERATUM

Five inches tall. One of the best bedding plants. Splendid for borders or edging. Blooms the entire season. Rapid grower. Pkt., 10c.

Blue and White Mixed.

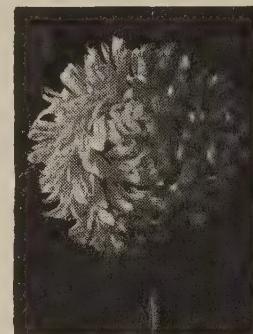
## SWEET ALYSSUM

Pretty little plants for beds or vases, blooming all summer long. Very sweetly scented.

Dwarf Yellow. Lilac Queen.  
Carpet of Snow. Mixed.

## AMARANTHUS

(Tri-Color Splendens — Joseph's Coat). Very useful in borders of tall plants, among shrubs, or for centers of large beds. Grows 2½ feet tall. Inner foliage is of blackest bronze tipped with green. Outer foliage scarlet and gold.



Giant Branching Aster

## ASTERS

Early sorts begin blooming in July, followed by the midseason sorts, which are at their best in August. Then come the late blooming kinds which bloom through September and October.

**CREGO ASTERS.** This variety produces the largest flowers of the comet type. Very full and fluffy, 4 to 5 inches in diameter. When cut they outlast all other types.

Crimson, White, Shell Pink, Lavender, Purple, 10c pkt. Mixed, 5c pkt.

**EARLY BEAUTY ASTERS.** Attain a height of around two feet. Are of a branching habit. Flowers large, resembling Chrysanthemums, borne on long stout stems. Bloom at same time with Crego varieties.

Black Prince, Lavender, Crimson, White, Pink, 10c pkt.; Mixed, 5c pkt.

**WILT RESISTANT ASTERS.** Many of our friends have had trouble with wilt at some time or another. These varieties are able to grow and bloom beautifully on infested ground. Some of the largest and finest flowers in America in these new strains.

Pink, Crimson, White, Lavender, Purple, 10c pkt.; Mixed, 5c pkt.

For Lawns, use  
**VIGORO**

**SUNSHINE MIXED ASTERS.** The best mixed assortment for home use. All shades and colors with golden centers.

**BRILLIANT QUILLED ASTERS.** Mixed colors.

**MAMMOTH AMERICAN BRANCHING ASTERS.** Large. Late blooming. Mixed colors. Best in September.

**PEONY ASTERS.** Mixed colors. Large double blooms resembling peonies.

**LILLIPUT MIXED.** Small flowered, intensely doubled of ideal habit. Seed pkt., 10c.

**Flowers—Vivid in Color, Healthy, Strong Stems.** Flowers lacking in color . . . blooms sparse and poorly formed . . . stems spindly . . . foliage scant and faded. These are sure signs of starvation. Your flowers need a square meal—a complete plant food—Vigoro. It supplies each of the essential elements required for healthy plants and abundant, colorful flowers.

## BLUE LACE FLOWER

**DIDISCUS COERULEUS, ANNUAL.** Grows upright about 2 feet high, branches freely, each end bearing a cluster of light blue flowers spreading umbrella-like. Each blossom is carried on a thin, long tube lending the flower head a delicate and dainty touch. Lasts unusually long in water.

## BABY'S BREATH

This annual variety has larger flowers than the perennial and is a soft pink in color.

## BALSAM

The old-fashioned Camelia-flowered "Touch-Me-Not" or "Lady's Slipper." Produces a great profusion of brilliantly colored blooms.



Burning Bush



Balsam

## BUTTERFLY FLOWER (Schizanthus)

The fern-like foliage is very attractive even before the flowers come on. The blooms are all colors, shaped like many delicate butterflies.

## BURNING BUSH (Kochia)

Makes a beautiful hedge or background. Grows very compact, turning from light green to blood red in early autumn.

Stimulate Plant Growth  
with

## MACKWIN VITAMIN B<sub>1</sub>

A stable liquid solution for indoor and outdoor plants where Vitamin B<sub>1</sub> is deficient. Supplies Vitamin B<sub>1</sub> for vigorous root action so necessary for healthy plant growth. In handy eye-dropper bottle. Use 2 drops in each gallon of water.

In Liquid Form. Makes 120 gals. A Sensational Value.

35 Cents



All Flower Seed Prices Are Postpaid. PRICES: All Packets are 5c Each, Postpaid, except as noted.

## COSMOS



Cosmos

### For Summer and Fall Flowers

While early varieties begin flowering in July, Cosmos reaches the height of its beauty in the autumn, when it becomes one of the dominant border families. Given plenty of room, the tall plants branch freely, and are effective both in their abundant flowers, and their feathery foliage.

**EARLY KLONDYKE ORANGE FLARE.** The Grand Champion Gold Medal Winner. The unanimous choice of all judges in the All-American Competition for 1935. Bright vivid orange, very free flowering, with a sparse growth of light green foliage, the plants are in full flower less than four months from the time of planting, and are a mass of color all season. The sensation of the year.

**EARLY DOUBLE CRESTED.** Showy plants, 3 to 4 feet tall, covered with a mass of lovely, large flowers. Our strain produces a large percentage of double blooms.

## CHRYSANTHEMUMS

Sown in April they begin flowering in July. Pinch back to encourage branching. They make delightful border plants and beautiful bouquets throughout the summer. Golden Feather, Mixed; The Sultan, rich red; Evening Star, yellow.

## CANNAS, Large Flowering

You all know how easily they can be grown from the roots; well they can be just as easily grown from seed. Soak seed 24 hours in warm water. Sown in February should bloom all colors in July.

## CANTERBURY BELLS

A biennial which seeds itself. Easily grown and fine for rock garden or in the border. Mixed colors.

**NEW ANNUAL CANTERBURY BELL.** Brings spring to the garden in the fall. We recommend this new annual to all our flower lovers. An annual that can be brought into bloom any time after July. Blooms are the shape of delicate bells in rich shades of dark blue, light blue, pink, rose and white.

## CARNATIONS

Always in demand and can be easily grown in your own garden. They are just like regular greenhouse blooms except that they are a trifle smaller. Mixed.

## CALIFORNIA POPPY

**ESCHSCHOLTZIA AURANTIACA.** This is the true California Poppy. Its brilliant coloring and silk-like texture make it an outstanding plant. It blooms from early summer until freezing weather. Mixed colors.

**THE GEISHA.** A brilliant rose and orange coloring that makes a blaze of color in your garden all summer long.

## CALLIOPSIS

Mixed colors. Sow early and thin to 12 inches apart. Easily grown. Beautiful for either garden or cut flower decoration.

## FREE PREMIUM

With Garden or Flower Seed Order of \$1.00 or over.

## CANDYTUFT

They soon flower from seed and remain long in bloom. When massed in flower beds and edgings they are unsurpassed. Make splendid cut bouquets. Empress (pure white), Crimson, Lavender, Fine Mixed.

## CASTOR BEANS (*Ricinus*)

Well adapted for backgrounds along the side or back garden fence. Moles won't bother a garden hedged with Castor Beans.

## CENTAUREA

This is a very hardy annual, flowering all summer. Very easily grown. A fine border plant and very showy. Bachelor's Button or Corn Flower. Also Dusty Miller.

## MAMMOTH SWEET SULTAN

Another type Centaurea with large flowers shaped like the globe thistle. Brilliant Rose, Blue, Golden Glow, Purple, Mixed.

## CHINESE FORGET-ME-NOT

Very fine for cutting. Grow 18 to 24 inches tall and are covered with vivid Forget-Me-Not blooms. Blue, Pink.

## CHINESE WOOLFLOWER

(*Celosia Childsi.*) A variety of Cockscomb. Fine for winter bouquets. Mixed shades.

## CALENDULA (Pot Marigold)

**RADIO CALENDULA.** A large double bloom of a deep shade of golden yellow with attractively quilled petals. Orange King, Lemon King.

## QUALITY CALENDULAS

Sunshine Chrysanthemum Flowered

An entirely new species that is especially fine. Grows 2 to 2½ feet tall and bears large, bright, golden canary-yellow flowers.

**ORANGE SHAGGY (New).** Closely set, irregularly placed long narrow petals, beautifully fringed or laciniated, giving the flower the frilled or shaggy appearance of some Chrysanthemums. 10c pkt.

**SENSATION (Campfire).** Brilliant orange with crimson sheen. 10c pkt.

**BALL'S SUPREME.** Light orange with brown center. 10c pkt.

**RADIO.** Rich orange blooms with quilled petals.

**GOLDEN BALL (Ball's Gold).** Deep golden-yellow. 10c pkt.

**MIXED.** 5c pkt.

## DIANTHUS

A lovely class of annual flowers for beds, borders and cutting. Of easy culture. Blooms from July until frost.

**TOM THUMB.** A dwarf plant with bright red flowers.

**GRASS PINKS.** The delicately fringed flowers are fragrant and fine for bouquets.

**SPECIAL MIXTURE.** A splendid mixture of double pinks.

## COBAEA

**COBAEA (Cup and Saucer Vine).** A rapid climber; fine for trellises, arbors, etc.; clings to any rough surface. Place seeds in the ground edgewise and cover with light soil. Purple, Pure White.

## COLEUS

**COLEUS (Flame Nettle).** An attractive foliage plant for house or garden. Very interesting to grow from seed, easily raised. Sow in March or April. Pkt., 25c.

## CYPRESS VINE

### (*Ipomoea Quamoclit*)

Half Hardy Annual Climber, 15 Feet

A beautiful vine of very rapid growth, with delicately cut fern-like foliage and producing in abundance dainty star-shaped scarlet and white flowers. Sow when the weather is warm, or seed may be started indoors. Soak overnight in warm water previous to sowing.

ALL PRICES quoted in this catalog subject to change without notice. Add postage to all items not quoted as postpaid.

## DAHLIAS

Can be easily raised from seed and will bloom the first year. One of the best late summer flowering plants.

## DAISIES

**SHASTA.** Flowers very large and graceful, pure white, single. Grow on long, stiff, wiry stems.

## DIGITALIS

**THE SHIRLEY.** Stately spikes growing up to 7 feet tall, closely set with large bells, in many bright colors. Some dotted with crimson or chocolate.

## DELPHINIUM

Delphinium are hardy, vigorous and free blooming. Soak the seed over night, and lime the soil where they are to be planted.

Delphinium, Belladonna.

Delphinium, Bellamoum.

Delphinium, Giant Hybrids, Mixed.

Forget-Me-Not (*Myosotis*).

Four-o'Clock, Mixed.

Gaillardia, Single Mixed.

Gaillardia, Double Mixed.

Gaillardia, Perennial Mixed.

Godetia.

Gomphrena (Globe Amaranth).

Gourds, Mixed.

Helianthus or Sunflower.

Helichrysum, Mixed Colors.

## PERFECTION DOG FOOD

Feeds the Champion

All Flower Seed Prices Are Postpaid. PRICES: All Packets are 5c Each, Postpaid, except as noted.

## MARIGOLDS



Marigold

They light the garden with a glitter of yellow and gold from July far into the frosts of autumn.

**DOUBLE TALL AFRICAN VARIETIES.** Lemon Ball. Mixed shades of yellow and orange. Orange Ball.

**DWARF FRENCH DOUBLE.** Mahogany, Lemon Queen, Double Dwarf Mixed (Pride of the Garden).

**DWARF SINGLE FRENCH.** Legion of Honor. Golden yellow marked with a large spot of velvety crimson at the base of each petal. Golden Star, Marigold Mixed.

**CARNATION FLOWERED MARIGOLD.** Guinea Gold. A brilliant orange, very double and ruffled with loose lace petals. This is a new and distinct type.

Heliotrope.

Hibiscus.

Hollyhock, Double Mixed.

Ice Plant.

Japanese Hop Vine.

Job's Tears.

Kochia (Mexican Fire Bush).

Kudzu Vine (Jack-and-the-Bean-Stalk).

Lantana.

Larkspur, Tall Double Mixed.

Lathyrus Latifolius (Perennial or Everlasting Pea). 10c pkt.; 25c per oz.

Lobelia.

Love in a Mist, or Nigella.

## LUPINE

**MAYFAIR HYBRID.** Easily grown on poor soil but insists on good drainage. Carries long graceful spikes of rich and various colored flowers.

Mignonette, Sweet Scented.

Momordica, Balsam Apple.

Morning Glory, Japanese Mixed.

Moonflower.

Nasturtiums—

Dwarf Mixed. 10c pkt.  
Tall Mixed. 10c pkt.

Pansy—

Giant Trimardeau, Mixed. 25c pkt.,  
Trimardeau, Separate Colors. 25c pkt.

Pansy Plants—Mixed colors of the choicest varieties, 50c doz., postpaid.

Phlox—

Drummondii Grandiflora. 10c pkt.  
Star Quedlinburg. 10c pkt.

Poppy—

Mixed single.  
Mixed Double.  
Shirley Mixed.  
Oriental.

**PORTRULACA (Moss Rose).** Brilliant garden annuals, 6 inches high, luxuriating in warm, dry, sunny situations and blooming profusely from early summer to autumn. For low beds and masses of color, from spring until frost, they are indispensable; colors range through innumerable shades of red, yellow, pink, striped, white, etc.

**DOUBLE, FINE MIXED.** 10c pkt.  
**SINGLE, FINE MIXED.** 10c pkt.

## PHYSOTEGIA VIRGINICA

**FALSE DRAGON HEAD.** We are furnishing the Physotegia Vivid Dwarf Pink which grows about 18 inches tall with extra large heads of very showy pink flowers. It is far superior to the old-fashioned tall-growing variety, in sturdiness, color and shape. This Physotegia is one of the finest and most freely flowering of all hardy garden flowers. Very fine for cut flowers.

**SALVIA SPLENDENS.** Loose sprays of rich violet blooms. Tall growing; 2½ to 3 ft. We offer an improved and select stock. Mostly used in large beds. Pkt., 25c. Scabiosa, Grandiflora Mixed. Snapdragons, Tall Mixed. Stocks, Large Flowering Ten Weeks, Mixed.

## SUPREME SWEET PEAS

Soil should be thoroughly mixed with a good fertilizer. We like Vigoro for this purpose. When the plants are well up, see that they have wire, strings or a trellis to support them.

## PETUNIAS

**FLUFFY RUFFLES. MIXED.** Selected and hybridized with the greatest care; flowers of large size, beautifully fringed and embracing a splendid variety of colors in many beautiful combinations. Pkt., 25c; 2 pkts., 45c.

**ELK'S PRIDE.** A splendid velvety purple, large flowering variety. Pkt., 20c; 3 pkts., 50c.

**ROSE OF HEAVEN.** (Improved Rosy Morn). Dwarf, bushy plants, bearing in great profusion brilliant rose colored flowers with a white throat; excellent for pot culture. Pkt., 20c; 3 pkts., 50c; 1/8 oz., 75c.

**BLOTTCHED AND STRIPED SINGLE MIXED.** Pkt., 10c; 1/4 oz., 25c.

**FINE MIXED SINGLE BEDDING.** A splendid bedding mixture of good bloomers. Pkt., 10c; 1/4 oz., 25c.

## SPENCER SWEET PEAS

10c Pkt.; 25c Oz.

Royal Purple.

Mrs. Tom Jones—Deep azure blue. Illuminator—Bright glowing salmon tinged with orange.

Crimson King.

Warrior—The best of pure bred maroon.

Miss California—A rich salmon pink.

Austin Frederick—Color a true lavender.

King White.

Beatall—Pale cerise.

Beauty—Blush pink.

Commander Godsall—Large navy blue.

Elegance—Blush lilac.

Good Cheer—Deep Begonia rose.

Orange Picture—Sunproof orange.

Pinkie—Large rose pink.

Powerscout—Large lavender.

Surfine—Cream suffused salmon.

Finest Mixed. 10c pkt.; 20c oz.

Thunbergia, or Black-Eyed Susan.

Tritoma (Torch Lily, Flame Flower, Red Hot Poker).

Vinca, Mixed.



## VERBENA

**NEW MAMMOTH.** Individual flowers are larger than a silver quarter. Unsurpassed for profusion of bloom. Fancy mixed. Pkt., 10c.

**BEAUTY OF OXFORD.** A free flowering, very hardy annual. Excellent for bedding and edgings. Of creeping habit with dark green foliage. Many clusters of large star-shaped flowers, with round lobed petals. Bloom from June until frost. Pkt., 25c.



## ZINNIA

Deserves a prominent place in every garden. Plant forms handsome bushes, which produce hundreds of large double flowers all summer and fall. Zinnias should be transplanted when they are 4 or 5 inches high, planting 6 or 8 inches apart in the row. Keep well watered if you want large flowers.



**FANTASY CHRYSANTHEMUM FLOW-ERED.** The well rounded, medium sized flowers which are borne on long slender stems well above the foliage are composed of a mass of shaggy, twisted tubular petals which give the blooms a rather charming appearance. The color includes red and orange, as well as many fine pastel shades of pink and cream. Pkt., 15c.

**TALL DOUBLE.** All colors mixed.

**NEW CALIFORNIA GIANT FLOW-ERING.** A well balanced mixture of all colors make a gorgeous showing. Pkt., 10c.

**GIANT FLOWERING WHITE.**

**GIANT FLOWERING CRIMSON.**

**GIANT FLOWERING BLACK KNIGHT.**

**GIANT FLOWERING VIOLET.**

**GIANT FLOWERING YELLOW.**

**ZINNIA COLLECTION.** 1 pkt. of each of the above five colors, 65c; single pkt., 15c each.

**DOUBLE LILIPUT.** A fine mixture of dwarf double zinnias. Pkt., 10c.

## GIANT DAHLIA-FLOWERED DOUBLE ZINNIAS

Come in a rich assortment of colors. This year even though it was hot and dry, everyone having zinnias picked a lot of beautiful bouquets. This strain we feature is the best we have ever seen.

**GOLDEN WEST.** A fine shade of golden yellow.

**PURPLE PRINCE.** Rich shade of royal purple.

**DAYBREAK.** Bright orange scarlet.

**GLORIA.** Delicate reddish rose.

**ENCHANTRESS.** Rich shade of red.

**SENSATION.** Orange scarlet.

**DAHLIA FLOWERED ASSORTMENT.** Six kinds. One each of the above six Giant Dahlia-Flowered Double Varieties, 50c; single pkt., 10c each.

**MIXED COLOR.** Finest mixed Dahlia-Flowered Double Zinnias. This is a mixture of red, yellow, orange, purple and rose.



Dahlia

# Summer Flowering Bulbs

For Flowers, use  
**VIGORO**



Caladium Esculentum—Elephant's Ear

## DECORATIVE DAHLIAS

Please Bear in Mind—We offer only high test Exhibition Variety Tubers, such as have been duly tested and grown by us, and are true to name and color.

**JANE COWL** (Dec.). Bronzy buff and old gold, darker towards center. Each, 40c; dozen, \$3.50.

**MARG. WOODROW WILSON**, D. Monster cream, reverse phlox-pink. Each, 40c; dozen, \$3.50.

**BASHFUL GIANT**. A gigantic bloom. Apricot with golden shadings. Each, 40c; dozen, \$3.50.

**MRS. I. DE VER WARNER** (Marean). A blossom of soft orchid coloring. Each, 40c; dozen, \$3.50.

**PRIDE OF CALIFORNIA**. Color crimson red with dark full center. Each, 40c; dozen, \$3.50.

**KATHLEEN NORRIS** (F. D.). Greatest pink decorative Dahlia in commerce today; true rose pink, later deepening to mellow pink, but paler in young central petals. Broad overlapping petals with twisted ends, filled to center. Great bloomer and excellent keeper. Each, 40c; dozen, \$3.50.

**JERSEY'S BEAUTY** (Decorative). A true, pure pink. Each, 40c; dozen, \$3.50.

**JEAN KERR** (Decorative). Pure white of fine form; a profuse bloomer on stiff stems; the best commercial white. Each, 40c; dozen, \$3.50.

All Dahlias in single and dozen lots prepaid; in larger quantities at purchaser's expense.

## GLADIOLI

**BETTY NUTHALL**. One of the finest of the newer varieties; large light salmon with pale yellow throat and light feathering of carmine.

**MR. W. H. PHIPPS**. "La France" pink overlaid with light rose-salmon, lighter towards center with speckled ruby throat markings.

**GOLDEN DREAM**. Pure yellow. A leader in the class of yellow Gladioli. A beautiful variety.

**CHICAGO WHITE**. A fine white variety with lavender stripes on lower petals.

**VIRGINIA**. One of the most popular commercial reds. Its earliness and fine forcing qualities as well as the lasting brilliancy of the flowers have created for it a well deserved popularity.

**GIANT NYMPH**. "La France" pink, creamy yellow throat. Large flowers well placed.

**PICARDY**. Undoubtedly the finest of recent introductions. Extremely long stems, with many enormous size flowers open at one time. The color is soft pink, shading to deeper pink on the lower petals. Distinct markings in throat.

**HALLEY**. A most attractive early blooming sort with large, well-opened flowers of delicate salmon-pink.

**MINUET**. A beautiful giant lavender Gladiolus having 4 or 5 blooms. Considered the last word in Lavender Gladioli.

**RAINBOW MIXTURE** Gladiolus (Gladioli) Bulbs (1 doz.)

All Gladioli in single and dozen lots prepaid; in larger quantities at purchaser's expense.

**SPECIAL**  
Gladioli Bulb Stocks Limited.  
Ask for Prices.

## TUBEROSES

**EXCELSIOR DWARF PEARL**. Rich, waxy white, very double and remarkably fragrant. 5c each; 50c dozen; postpaid.

**TALL DOUBLE**. Flower spikes 3½ to 5 feet high. First size bulbs, 5c each; 50c dozen; postpaid.

## CALADIUM ESCULENTUM

### ELEPHANT'S EAR

**FIRST SIZE BULBS**. 1½ to 2½ inches in diameter. Each, 15c, postpaid.

**SELECT SIZE BULBS**. 2½ to 3 inches in diameter. Each, 25c, postpaid.

**MONSTER SIZE BULBS**. 40c each, postpaid.

**LILY OF THE VALLEY**. 35c dozen, postpaid.

**MADEIRA VINE**. Tubers, 35c dozen, postpaid.

## CANNAS

Ready March 1 to June 1.

**KING HUMBERT**. The Royal Red Canna. Height 5 feet. 15c each; 3 for 40c; postpaid.

**THE PRESIDENT**. 4 feet; in color a rich glowing scarlet. 15c each; 3 for 40c; postpaid.

**YELLOW HUMBERT**. Fine yellow, spotted with red. Height 4 feet. 15c each; 3 for 40c; postpaid.

**EUREKA WHITE**. Each, 20c; 3 for 50c. **ALL COLORS**. Mixed, dormant. 10c each; \$1.00 per dozen.

Postpaid.

## ALL BULBS POSTPAID in single and dozen lots only

## BEDDING PLANTS

Can Be Shipped by Express or Bus.  
Not Prepaid.

Plants out of 2½-inch pots or flats. 15c each or \$1.50 per dozen.

Plants out of 4-inch pots. 30c each or \$3.00 per dozen.

**ALYSSUM**. White, for porch boxes.

**COLEUS**. All bedding varieties.

**CHRYSANTHEMUMS**. In all colors.

**FUCHSIA**. Assorted. 25c and 50c each.

**FEVERFEW**. Thrifty, strong plants.

**GERANIUMS**. Out of 4-inch pots only. Double or single. All colors; 30c each; \$3.00 per dozen.

**HELiotropes**. Purple or white. — each.

**PANSIES**. Large, imported varieties, in bloom. 50c dozen.

**PARLOR IVY**. Excellent plants.

**SALVIA or SCARLET SAGE**. Large flowering.

**CANNAS**. Growing plants, assorted. 20c each; \$2.00 dozen.

**CHINESE GIANT ASTER**. Per dozen plants, 50c.

**GROWING FERNS**. For porch boxes and hanging baskets; 2½-inch pot size. 10c each.

## TULIPS and DAFFODILS

For fall planting. Ready September 15th.

**WATER HYACINTHS**, 10c. The most useful of all Aquatics for goldfish to spawn on. (Postage additional on less than 10 plants.) 10 plants, \$1.00, postpaid in the United States.

# Hardy Garden Lilies

## Beautiful and Permanent

Lilies are becoming increasingly popular and may be grown successfully by any gardener. They bring charm to the garden quite different from that of any other flower. You may have cool whites, rich yellows and dazzling scarlets. Lilies may be had in bloom from early summer until fall by proper selection.

Plant Lilies informally in clumps or large masses. Place the bulbs 4 to 8 inches deep (depending upon variety and size of bulbs), with a handful of sand around each one. If the soil is well enriched, so much the better for the size and beauty of the flower. A well drained deep soil gives the best results. Bone meal is the best fertilizer.

Some Lilies produce large bulbs, such as Auratum and Rubrum, whereas many others will never make such a large bulb, as for example the Pardalinum and Tenuifolium.



New Wonder Lily

## The New Wonder Lily—Everblooming

**PHILIPPINENSE FORMOSANUM.** A very graceful hardy Lily with long, well-mouthed, trumpet-like flowers; pure white with a beautiful pale emerald-green throat. Very fragrant. They commence blooming in early August and continue to flower until frost. Plant 4 inches deep in well drained, sandy soil. 3 to 4 feet high. 50c each.

## The Best Varieties

**TIGRINUM SPLENDENS.** Improved single Tiger Lily. Very hardy native lily; orange-red, spotted purple-black. 50c each.

**TIGRINUM FLORE PLENO.** Double Tiger Lily. The well-known double Tiger Lily: grows from 4 to 6 feet high, and bears an immense number of bright orange flowers. 50c each.

**UMBELLATUM.** Colors range from deepest red through all shades of crimson, rose, yellow, buff, and apricot; blooms about June 30th. 50c each.

**PARDALINUM.** Leopard Lily. Rich scarlet and yellow spotted with rich brown. 50c each.

**CANADENSE.** Meadow Lily. Graceful, drooping, bell-shaped, red and yellow flowers typical of our northern meadows; fine bulbs. 50c each.

**TENUIFOLIUM.** The lovely Coral Lily of Siberia. It is the brightest of all lilies. Grows 20 inches high, with finely cut foliage, slender stems and beautifully shaded coral-red flowers. They are so fine for cutting. 50c each.

**THE REGAL LILY.** This fine variety from Western China is admittedly one of the most beautiful Garden Lilies yet introduced. It grows 3 to 5 feet high, and blooms out-of-doors in July, continuing its glorious display well into August. It is perfectly hardy, and flourishes under very varied conditions. 50c each; \$4.50 per dozen.



Regal

**SUPERBUM.** Flowers bright orange-red thickly spotted with purple. 50c each.

## AMARYLLIS

**GIANT HYBRID.** Strong bulbs throwing vigorous stems with from three to six blooms of perfect form, ranging in color from varied markings of rose to self colors of scarlet, crimson and almost maroon. Mixed colors only. 50c each.

**WHITE GIANT AMARYLLIS.** Flowers often 10 inches in diameter, pure white, without markings of any kind, frequently six flowers on a single stem. 20c each; \$2.00 per dozen.

**JOHNSONII.** Has immense trumpet-shaped flowers, which measure 6 to 8 inches across, are borne on strong fleshy spikes, and are rich, deep velvety crimson, each petal having a broad white stripe contrasting beautifully with the deep red color. 35c each; \$3.50 per dozen.

**EQUESTRE.** Orange Scarlet. 25c each; \$2.50 per dozen.

All Hardy Lilies in single and dozen lots are postpaid; in larger quantities at purchaser's expense.



Tiger Lily

**Flowers—Vivid in Color, Healthy, Strong Stems.** Flowers lacking in color . . . blooms sparse and poorly formed . . . stems spindly . . . foliage scant and faded. These are sure signs of starvation. Your flowers need a square meal—a complete plant food—Vigoro. It supplies each of the essential elements required for healthy plants and abundant, colorful flowers.



# INSECTICIDES and FUNGICIDES

ACME ANT KILL.

ACME APHIS SPRAY.

ACME EMO NIC.

ACME KOPPER KING.

PARIS GREEN.

ACME RED RIVER POTATO MIX.

ACME ROTENONE GARDEN GUARD  
if available.

ACME WEED KILLER. See page 25.

WETTABLE DUSTING SULPHUR.

ANSUL (Formaldehyde) DUST. 1 lb.,  
50c; 5 lbs., \$1.50.

**FLEA POWDER.** (Non poisonous.) Guaranteed to be the fastest killing flea powder. Harmless to pets or humans, but deadly to fleas, lice and similar parasites. Kills fleas in less than 15 minutes and its action continues for at least 24 hours. 2-oz. can, 25c; 12-oz. can, \$1.00.

**ARSENATE OF LEAD.** (Powdered.) Controls practically all leaf-eating insects in an efficient manner. Used either for dusting or spraying. 1 to 1½ lbs. diluted to 50 gallons of water if used as a spray.

**BEA BRAND FLEA POWDER.** ¾ oz., 10c; 2 oz., 25c.



**CYANOGAS,** a Dust. Rats, Moles, Woodchucks. Cyanogas is not a bait! It is different! Simply pump it into the rat burrows or mole runways—for woodchucks a heaping tablespoonful placed in the burrow is sufficient. Cyanogas seeks the pests and kills them instantly. 1 lb., 75c; 5 lbs., \$3.00; 25 lbs., \$10.00; 100 lbs., \$30.00. Prices subject to change.

**CYANOGAS ANT-KILLER.** For use in ant nest. Simple to use and very effective. 4-oz. glass, 30c each.

**COPPER SULPHATE (White Vitrol Flakes).** 1 lb., 15c; 10 lbs., 12c per lb.

**COPPER SULPHATE or BLUE STONE.** Lb., 15c.

**CUPROCIDE Yellow.** For control of blight on Tomato. 3-lb. bag, \$1.20.

**DUTOX.** For the extermination of Bean, Cucumber, Muskmelon and Watermelon Beetle. Lb., 30c.

**"43."** For the tree. Liquid or paste. Lb. can, 25c.

**FISH OIL SOAP.** A non-poisonous soap to be diluted with water to kill soft-bodied insects, such as aphids, red spiders, thrips, etc. 1-lb. can, 30c.

**FLOWERS OF SULPHUR.** Lb., 10c; 10 lbs., 70c.

**LIME SULPHUR SOLUTION.** In barrel lots, about 55 gallons to barrel. Ask for prices.

5 gal. can, 50c gal.; 1 gal. glass jug, 60c gal.

**OIL EMULSION.** Bbl. lots only; ask for prices.

Please note we offer above two items in original barrel lots only. Extra charge for barrels \$2.00 each, which can be returned for credit.

**LIME-SULPHUR, DRY.** Exactly like Lime and Sulphur. For fall and spring sprayings. Use 12 to 15 lbs. to 50 gallons of water. Lb., 35c; 5 lbs., \$1.40.

**LORO.** For Chrysanthemum Midge. Pt., \$2.00; gal., \$9.75.

**MASH NIC.** For the extermination of Poultry Roundworm. 2 lbs., 50c; 10 lbs., \$1.50.

**ATLACIDE.** A safer, non-poisonous weed killer. Manufactured specifically for weed killing purpose, readily soluble in water and is applied as a spray. Equally effective on annual and perennial weeds. 20c per lb.; 50 lb. lots, 16c per lb.; 100 lb. lots, 15c per lb.

**PARADICHLOROBENZENE.** (For Peach Tree Borer.) Lb., 30c.

**POTTASSI SULPHURATED.** Oz., 15c.



**RED ARROW.** An effective, non-poisonous solution that is deadly to all insects. Will not burn, blight, or stain the most tender foliage.

May be safely used on all fruits and vegetables. Dilute with 200 to 800 parts of water. Full instructions with every bottle. 1-oz. glass, 40c; 4-oz. glass, \$1.25; 1-pt. glass, \$2.75.

**SLUG SHOT.** A fine reddish dust harmless to plants, but powerfully effective against all kinds of worms, beetles and bugs, besides being a splendid fungicide. 1-lb. sifter can, 35c; 5-lb. pkg. for \$1.25.

**SNAROL.** Kills cut-worms, sowbugs, snails, grasshoppers, etc. A ready-prepared bait meal. Is not injurious to vegetation. Will not deteriorate from rain or sprinkling. 1½-lb. package, 35c; 4-lb. package, 85c.



**SPRAYCIDE.** Guaranteed insect spray. Stainless, fragrant and efficient. Kills Flies, Moths, Mosquitoes, Roaches, Bed Bugs, Water Bugs, Silverfish, Fleas, Lice, Weevils, Bean Beetles and certain other insects. Pint size, 35c each; quart size, 65c each; 1 gallon size, \$2.25 each.

**SPRAYERS** of all descriptions. Ask for prices. See page 35.

**STIM-U-PLANT TABLETS.** A fertilizer in tablet form. The tablets contain the essential plant foods in highly concentrated form and are therefore very convenient for house use. Package, small size, 30 tablets, 25c; medium size, 100 tablets, 75c; large size (pail), 1000 tablets (enough for season's supply for medium sized garden), \$3.50. Keeps Lawns Fresh and Green.

**SULPHATE OF IRON.** For killing weeds and dandelions without injury to grass. 1 lb., 10c.

**SWEENEY'S POISON WHEAT.** For exterminating rats, mice, moles and gophers. 15c box.

**TERRO.** A sure cure for ants. 25c and 50c bottles.

**TERRO ROACH OR RAT KILLER.** 35c each.

**TREE TANGLEFOOT.** A paste preparation painted around trunk of tree to keep caterpillars, etc., from crawling into tree. 1-lb. can, 80c.

**TOBACCO DUST.** Finely ground for dusting. 1 lb., 10c; 3 lbs., 25c; 100 lbs., \$3.00.

**VOLCK.** Spray for the control of red spider, mealy bug, scale, thrips, white fly, aphids and rose mildew. Combines with nicotine and lead arsenate. Qt., 80c; gal., \$2.50.

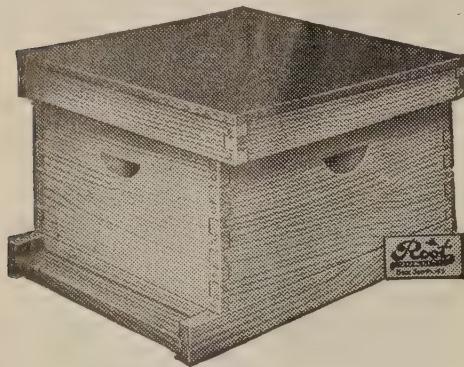
Prices on Insecticides and Fertilizers are at our store only and are subject to change without notice.



**LETHANE 440**

**BORDEAUX MIXTURE.** Much used to cure and prevent mildew, blight, black rot, leaf curl or other fungoid diseases on fruits and plants. Can be applied dry or wet. 1 lb. will make 5 gallons of liquid.

**COMMERCIAL SULPHUR.** Lb., 5c; 25 lbs. for \$1.00; 100 lbs., \$3.00.



Ten-Frame Metal Covered Hive

## BEE SUPPLIES

If you live in the suburbs, or on a farm, keep a few stands of bees; they will amply repay you for the little attention they require, and will often return you a splendid profit.

We handle a full line of the I. A. Root Co. Bee Supplies. The standard of the world. Write for our Bee Supply Catalog.

You will be interested in this new catalog because you naturally are interested in making your beekeeping profitable. It offers a complete line of high quality supplies for profitable beekeeping.



Standard Smoker

# VIGORO for.... Vegetable Gardens

## The Complete Plant Food

5-lb. pkg.....	\$0.50	50-lb. bag.....	\$2.35
10-lb. pkg.....	.80	100-lb. bag.....	3.70
25-lb. bag .....	1.45	Not Prepaid.	

Vigoro supplies all the elements needed to grow mineral-rich vegetables in your garden. Vigoro is clean, odorless, sanitary, easy to use, and most economical.

Dimensions of Ground	Rate of Application per 100 Square Feet	Amt. Necessary for One Application
20x 50 ft.	2 lbs. (equal 1 qt.)	25 lbs.
20x 50 ft.	4 lbs. (equal 2 qt.)	50 lbs.
50x100 ft.	2 lbs. (equal 1 qt.)	100 lbs.
50x100 ft.	4 lbs. (equal 2 qt.)	200 lbs.

Full directions for applying VIGORO are contained in the Home Beautiful booklet, a copy of which is enclosed in every bag of VIGORO. This booklet also gives valuable information on making a lawn, growing shrubbery, flowers, vegetables and trees.

## FERTILIZERS

To produce large crops of the best quality vegetables, you must, above all, plant good seed to start with, and in addition to this use a sufficient amount of fertilizer to provide the proper amount of plant food necessary for healthy growth.

## ARMOUR'S VICTORY GARDEN FERTILIZER

Analysis 4-12-4

25-lb. bag.....	\$1.25 Each
50-lb. bag.....	2.15 Each
100-lb. bag.....	3.50 Each

**ALUMINUM SULPHATE.** The proper fertilizer for Rhododendrons or Azaleas. Creates the necessary acid condition of the soil. 1-lb. 20c; 5 lbs., 65c; 10 lbs., \$1.00.

**BONE MEAL.** A good all-around fertilizer, especially good around Roses and other flowers. 25 lbs., \$1.75; 50 lbs., \$2.75; 100 lbs., \$4.00.

**LIME (Hydrated).** For lawn and field use where the ground has become sour. 50 lbs., 50c; 100 lbs., \$1.00.

**PEAT MOSS.** A moisture retaining humus. Good for breaking up hard clay soils and to prevent hard top crusting. Bushel size, 50c; large bales, \$4.50.

## CALF MANNA

A concentrated substitute for milk. Saves money, milk, time, labor and livestock. Safe for all young animals. Feed according to directions. Sacked in 100-lb. bags. \$7.00 per 100.

## FLOWER POTS

Measure across top. Saucers one-half price of pots.

F. O. B. Our Store.  
POTS ONLY.

Size	Each	Doz.
2½ in.....	\$0.04	\$0.35
3 in.....	.05	.50
4 in.....	.10	.75
5 in.....	.15	1.00
6 in.....	.20	1.50
7 in.....	.30	2.35
8 in.....	.40	3.50
9 in.....	.50	6.00
10 in.....	.70	7.50
12 in.....	1.25	12.00



Prices on all items listed on this page F. O. B. our store and subject to change.

PERFECTION  
DOG FOOD

Is a well balanced ration, consisting of Corn Flakes, Cream of Wheat, Grapenuts and other cereal foods—combined with clean dried meats, not scraps or waste. The cooked, prepared, and balanced meat-meal cereal food for your hunting dog; for dogs of all breeds, puppies of all ages. It's not only a food, it's also a "tonic" and will prevent skin disease. It gives your dog the "Hunting Spirit—Full of Pep."

5-lb. bag.....	\$0.50	25-lb. bag.....	\$2.00
10-lb. bag.....	.90	50-lb. bag.....	3.50

F. O. B. Our Store

Prices Subject to Change.

Ask for prices on Perfection Whole Biscuits, Charcoal Biscuits, Cubes (Meat-Cereal Formula).



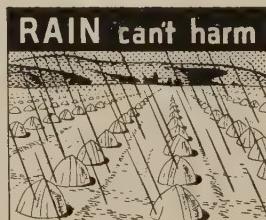
...NEW...

## VIGORO COMPLETE PLANT FOOD TABLETS

For potted plants and flower boxes. Package of 24..... 10c

## HOTKAPS

PROTECT CROPS AND PAY PREMIUM PROFITS



HOTKAPS eliminate weather and insect damage. These patented wax paper cones form miniature hot houses over each plant, promote sturdy growth and bring crops to maturity 2 to 3 weeks earlier. Thousands of farmers are getting premium prices, making big money every year by using HOTKAPS. Inexpensive to buy. Easy to set out. One man can place 2000 or more per day.

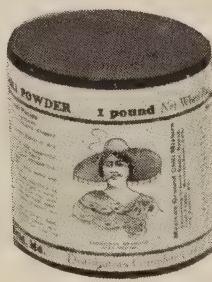
Prices: 1000 for \$11.00; 250 package with Setter and Tamper, \$4.25; 100 package with Setter and Tamper, \$1.95; Hotkap Home Garden package, 50c; Steel Setter, \$1.35; Fiber Board Garden Setter, 15c; Tamper, 25c. Postage extra.

**CHRISTMAS and HOLIDAY—STREET and STORE DECORATIONS**

The Ozark Mountain Wreathing is manufactured by us. It weighs from 25 to 30 lbs. to the coil of 20 yards. This material is harvested by us in the Ozarks woods, brought to our establishment in trucks and wound by machine on wire or cord core.

We are Springfield's Pioneer Telegraph Florist. Flowers delivered anywhere; 100% value guaranteed. CITY PHONE 21; Long Distance Private Wire. L. D. 4. Greenhouse and Floral Supplies. MAY WE SERVE AND PLEASE YOU?

**SPRINGFIELD SEED CO.'S (STAR BRAND)  
MEXICAN CHILI POWDER IS PAR  
EXCELLENT**



Full Directions, "How to Make Good Chili," Mexican Style, On Every Can.

Containing ground spices, chili pepper, Mexican sage, comino, celery, garlic, etc.

1/4-pound sealed can, metal bottom and top, each.....	\$0.20
1/2 pound sealed can, metal bottom and top, each.....	.33
1-pound sealed can, per lb.....	.49
5-pound sealed can, per lb.....	.39
25-pound lots, per lb.....	.37
50-pound lots, per lb.....	.36
100-pound lots, per lb.....	.35
Barbecue Spice, 1/2-lb. can.....	.25

Not postpaid.

GREENHOUSE GLAZING PUTTY. Ask for prices.

**WIRE HANGING BASKETS—FOR FERNS**

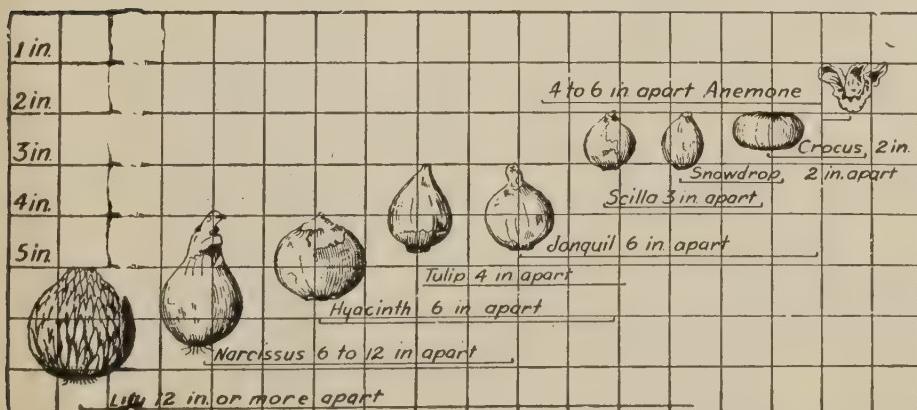
8-inch diameter.....	Each \$0.30
10-inch diameter.....	.40
12-inch diameter.....	.50
14-inch diameter.....	.60

Add 10c each for postage.

Moss for the above baskets, 25c lb., postpaid. It takes 1 to 1½ lbs. per basket.

PEAT MOSS. A moisture retaining humus. Good for breaking up hard clay soils and to prevent hard top crusting. Bushel size, 50c; large bales, \$4.50, about 100 lbs.

**BULBS FOR FALL PLANTING  
{ Autumn 1945 }**



PERFECTION DOG FOOD—Feeds the Champion.

**CHILI SUPPLIES  
STRICTLY FRESH—NEW CROP.**

	Oz. \$0.05
Comino .....	.10
Chili Pepper Pods.....	.10
Chiline, ground .....	.10
Mexican Chili Powder Mixture.....	.10
Chili Petine Pods.....	.15
Oregano or Mexican Sage.....	.10
Garden Sage .....	.10
Oriental Pepper, hot.....	.10
Mexican Garlic .....	.05
Chili Beans .....	Ask for Price
Pepper, Cayenne, Red Hot.....	.10
Pepper, ground, black, in bulk.....	.05
Paprika .....	.10
Caraway .....	.10
Star Anise Seed.....	.10
Anise Seed .....	.10
Poppy Seed .....	.10
Celery Seed .....	.10
Coriander Seed .....	.10
Yellow Mustard Seed.....	.05
Tumeric, Powdered .....	.10
Dill Seed .....	.10
Bay Leaves .....	.10
Mixed Pickling Spices, special mix.....	.10

PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

Recipes for Making Mexican Dishes Sent Free on Application. Not postpaid.

**BIRD SEEDS, ETC.**

	Lb. \$0.35
Mixed Bird Seed.....	
Hemp Seed .....	.35
Canary .....	.35
Bird Millet (recleaned).....	.10
Sunflower Seed for Parrots.....	.35
Bird Lettuce .....	.10
Bird Pepper Grass .....	Oz., 15c .80 Oz., 10c .80

	Pkg. \$0.25
Bird Biscuit (Sing Song).....	.25
Spratt's Song Food.....	.25
Bird Gravel .....	.15

Not postpaid.

**TREE LABELS—Painted**

3 1/2 x 5 1/8 inch, wired.....	\$3.75 M
3-PLY COTTON TWINE.....	Ask for Prices

**POT or GARDEN LABELS**

Wooden—	Painted
4-inch .....	100 \$1,000
6-inch .....	\$0.50 \$2.75
8-inch .....	.70 .75
10-inch .....	.80 1.00

GREEN BAMBOO CANE STAKES. 3 ft. size, for tying up flowering plants. \$2.00 per 100.

For Flowers, use  
**VIGORO**

**DIAGRAM SHOWING DEPTH TO PLANT OUTDOORS.**

Since 1896 Springfield Seed Co.'s Bulbs for Fall Planting are known for their high standard of quality.

Bulbs indoors do not require such deep planting as indicated in the diagram, being no danger from freezing and thawing to guard against

## SPRAY CALENDAR—WHEN TO SPRAY, WHAT TO USE

Insect or Disease	Plant Attacked	What to Spray With	First Spraying
Coddling Moth	Apple, Pear	Arsenate of Lead	Just before calyx cups close.
San Jose Scale	Apple, Pear	Lime Sulphur	While trees are dormant.
Aphids	Roses and Plants	Black Leaf 40	As soon as insects appear.
Cabbage Worms	Cabbage	Arsenate of Lead	When insects appear.
Scab	Apple and Pear	Lime Sulphur	Just before blossoms open.
Potato Bugs	Potatoes	Arsenate of Lead	When bugs appear.
Leaf Curl	Peach	Lime Sulphur Solution	While trees are dormant.
Mildew	Gooseberry	Potassium Sulphide	Just as buds burst.
Worms	Gooseberry	Slug Shot	When worms appear.
Blotch	Apple	Bordeaux Mixture	Two weeks after petals fall.
Black Rot	Grapes	Bordeaux Mixture	When buds are $\frac{1}{4}$ -inch long.
Brown Rot	Peach and Plum	Magnetic Sulphur	Just before buds open.
Mildew	Roses and Flowering Shrubs	Potassium Sulphide	As soon as infection appears.
Melon and Cucumber Beetle	Melons and Cucumbers	Tobacco Dust	As soon as plants come up.
Moles, Rats, Chinch Bugs	Shrubs and Plants	Cyanogas	
Insects	Shrubs and Plants	Slug Shot	When insects appear.

See page 31.

## PLANTING GUIDE

## WEIGHTS, MEASURES AND AMOUNT OF SEED SOWN PER ACRE.

Weights per bushel differ slightly in different states. These weights are approximately correct both per bushel and per acre.

	Lbs. per acre bu.	Time of Seeding		Lbs. per acre bu.	Time of Seeding			
Alfalfa, broadcast	18- 22	60	Feb.-May	Aug.-Sept.	Johnson Grass	25- 30	25	Apr.-June
Alfalfa, drilled	14- 17	60	Feb.-May	Aug.-Sept.	Kaffir, drills	12- 15	50	May-July
Alfalfa, Grimm	20- 25	60	Feb.-May	Aug.-Sept.	Kaffir, broadcast	50- 60	50	May-July
Atlas Sorgo	8- 12	50	May-July		Lawn Grass	60-100	20	Apr.-May
Barley	95-110	48	Apr.-June	Aug.-Sept.	Lespedeza	15- 20	25	Mar.-May
Beans, in hills	20- 35	60	Apr.-June		Millet, German, for hay	20- 30	50	Apr.-June
Bermuda Grass	4- 6	40	May-June		Millet, German, for seed	25	50	Apr.-June
Black Medic, drills	14- 17	60	Feb.-May	Aug.-Sept.	Millet, Hog	12- 15	50	Apr.-May
Black Medic, broadcast	18- 22	60	Feb.-May	Aug.-Sept.	Millet, Hungarian, for hay	40	48	Apr.-May
Blue Grass, Ky., pasture	20- 30	14	Feb.-May	Aug.-Sept.	Millet, Hungarian, for seed	25	48	Apr.-May
Blue Grass, Ky., lawns	60-100	14	Mar.-June	Aug.-Sept.	Millet, Japanese	15	35	Apr.-May
Blue Grass, Canada, pasture	14- 20	14	Mar.-June	Aug.-Sept.	Milo Maize	40- 50	50	May-July
Blue Grass, Canada, lawns	60-100	14	Mar.-June	Aug.-Sept.	Mung Beans, drills	3- 5	60	Apr.-June
Brome Grass, for hay	18- 20	14	Mar.-June		Mung Beans, broadcast	15- 20	60	Apr.-June
Brome Grass, pasture	20- 25	14	Mar.-June		Oats	48- 70	32	Mar.-May
Broom Corn	5- 8	48	Apr.-June		Oat Grass, Tall	30	14	Mar.-May
Buckwheat	60- 70	52	May-June		Onion Plants	40,000-50,000		Mar.-May
Bur Clover	12- 15	60	Feb.-May		Onion Set	8 bu.	32	Mar.-May
Canary Grass, Reeds, in rows	2- 3	48	Mar.-May		Onion Seed, for sets	40- 80 lbs.	32	Mar.-May
Canary Grass, Reeds, br'dcast	7- 10	48	Mar.-May		Orchard Grass, hay	21- 28	14	Feb.-May
Cane, forage, broadcast	75-100	50	May-July		Orchard Grass, seed	10- 14	14	Feb.-May
Cane, seed or syrup	8- 10	50	May-July		Peanuts	44	22	Apr.-May
Clover, Alsike	4- 8	60	May-June	Aug.-Sept.	Pop Corn	8- 12	56	Apr.-May
Clover, Alsike and Timothy	15- 20	45	Feb.-June	Aug.-Sept.	Potatoes	400	60	Mar.-May
Clover, Crimson	12- 15	50	Apr.-May	July-Sept.	Rape, in drills	4- 5	50	Apr.-June
Clover, Hop, alone	4- 8	60	Feb.-May	Aug.-Sept.	Rape, broadcast	4- 8	50	Apr.-June
Clover, Hop, in mixture	1- 3	60	Feb.-May	Aug.-Sept.	Red Top, solid seed	7- 14	14	Feb.-June
Clover, Hubam	20- 25	60	Feb.-Apr.	Aug.-Sept.	Rye	55- 65	56	Apr.-June
Clover, Mam., alone	8- 12	60	Feb.-Apr.	Aug.-Sept.	Rye, Grass, Italian	40- 50	20	Apr.-June
Clover, Red, alone	8- 12	60	Feb.-Apr.	Aug.-Sept.	Rye, Grass, Perennial	40- 50	20	Apr.-June
Clover, Sweet, hulled	18- 20	60	Feb.-Apr.	Aug.-Sept.	Sagraria	10- 12	50	May-July
Clover, Sweet, unhulled	30- 40	30	Feb.-May	Aug.-Sept.	Soy Beans, drills	30- 40	60	May-Aug.
Clover, White	4- 8	60	Feb.-May	Aug.-Sept.	Soy Beans, broadcast	60- 80	60	May-Aug.
Corn	7- 14	56	May-June		Soy Beans, Loreda, drills	15- 20	60	Apr.-July
Corn, Silage	30- 35	56	May-June		Soy Beans, Loreda, br'dcast	30- 40	60	Apr.-July
Cow Peas, broadcast	60- 75	60	May-June		Speltz or Emmer	30- 40	40	Apr.-May
Cow Peas, drilled	15- 20	60	May-July		Sudan, drills	6- 8	40	Apr.-June
Canada Field Peas, br'dcast	60- 75	60	May-Aug.		Sudan, broadcast	20- 25	40	May-July
Canada Field Peas, with oats	30- 45	60	Apr.-May		Sunflower	20	28	May-July
Dallas Grass	10- 15	25	Feb.-Apr.		Sweet Corn, drills for fodder	75	46	May-June
Darso	40- 50	50	May-July		Sweet Corn, broadcast	150	46	May-June
Fescue, Meadow	20- 30	24	Feb.-Apr.		Timothy	7- 12	45	Apr.-June
Fescue, other varieties	28- 35	14	Apr.-June		Timothy and Clover, Timothy	8	Apr.-June	Aug.-Nov.
Feterita	40- 50	50	May-July		Timothy and Clover, Clover	4	Apr.-June	Aug.-Nov.
Flax, for seed	35- 45	56	May-June		Tobacco, 1 oz. to 5,000 plants			
Grohma	40- 50	50	May-July		Vetch, Hairy, drilled	60	60	Feb.-Mar.
Hegari, drills	15- 18	50	May-July		Vetch, Hairy, broadcast	90	60	Fall
Hegari, broadcast	50- 60	50	May-July		Vetch, Spring	60	Spring	
					(plus 1 bu. small grain)	80	60	

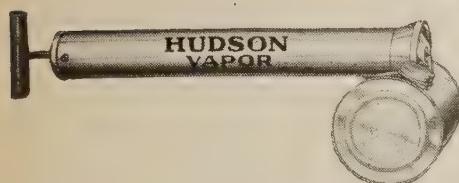
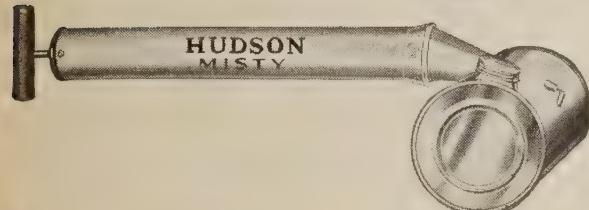
"The Springfield Seed Company gives no warranty, express or implied, as to the productiveness of any seeds, plants or bulbs it sells and will not be in any way responsible for the crop. Our liability, in all instances, is limited to the purchase price of the seed."

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A Limited Supply of . . .

# Sprayers . . Dusters .



## HAND SPRAYERS

**HUDSON** Continuous. Handles all solutions which are sediment free, such as disinfectants, deodorants, insecticides, etc. Fitted with double nozzle to spray ahead or up. Capacity, about 1 quart. Ask for price.

**HUDSON** Misty. The Misty is a universal favorite for use about the house, yard, backyard garden, poultry house, etc. Sturdy construction. Capacity about 1 quart. Ask for price.

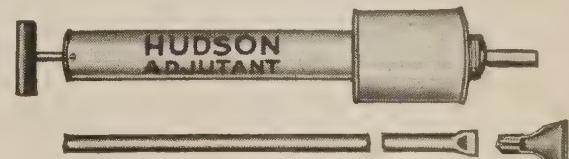
**HUDSON** Vapor. A small sprayer at moderate cost. Adapted for household use. It is substantially built and is air tested and inspected. Capacity about  $\frac{3}{4}$  pint. Ask for price.

## HAND DUSTERS



**HUDSON** Signal Duster. Handles all insecticides in powder form very efficiently. Used for small garden work.

Ask for price.



**HUDSON** Adjutant Duster. Ample power and capacity for garden and field, in the poultry house, etc. Handles all types of dry powdered insecticides efficiently.

Ask for price.

## COMPRESSED AIR SPRAYERS



No. 191G—**HUDSON** Booster Sprayer. (3½-gal.) "FUNNEL TOP." The Booster offers the greatest possible value in a compressed air sprayer at a minimum price. Built of first quality material. Prime galvanized tank, seamless brass tubing, Saf-T-Kam lock top, brass shut-off valve, 18-inch brass extension rod, brass nozzle, and other features. Each sprayer individually tested and inspected. May be used for all work for which compressed air sprayers are adapted.

"OPEN TOP." The Climax embodies in its construction strength, safety, ease of operation, complete accessibility and efficient operation. Used for all classes of work in the truck garden, orchard, vineyard, poultry house, dairy barn, hog pen, about the house, yard, etc. Handles whitewash, cold-water paints, insecticides, fungicides, etc., most efficiently. Comes in Galvanized and Copper tanks. Copper is recommended when corrosive solutions are to be used.

CLIMAX, Galvanized.....Ask for Price

CLIMAX, Copper.....Ask for Price

**ACME STOP**—A sticky barrier used to band trees, shrubs and vines to prevent insects from crawling up to the foliage. Its principal use is on shade trees, apple trees, as well as grape vines. 6 oz., 35c; 1 lb., 65c. Postpaid, 45c and 75c.



**PESTROY BORDEAUX ARSENATE**—An all-around spray for the home orchard and garden. Controls chewing insects and plant diseases. Recommended for potatoes, beans and all garden crops, and is an excellent spray for flowers.



1-lb. carton, 40c.

Postpaid, 50c.

# Springfield Seed Company's Commercial Sulphur

"TRIANGLE BRAND"

99½% PURE

For Medical Purposes, as well as for the control of pests and fungi in Horticulture and Agriculture and for the control of external parasites on poultry, such as lice, mites, fleas, ticks and soil sulfurization in poultry pens.

1-lb. bag.....	10c	10-lb. bag.....	50c
3-lb. bag.....	25c	25-lb. bag.....	\$1.00
100-lb. bag.....			\$3.00

f. o. b. our warehouse.  
10 bag lots 10c per bag less  
(Packed in 50-pound bags)

A well known product on the market "USED THE YEAR ROUND" for poultry feeding and worm eradication, for horticultural and agricultural purposes.

## SPRINGFIELD SEED COMPANY'S TOBACCO DUST

Contains the right amount of Nicotine, and is an eradicating agent of poultry ills. For poultry feeding mix 2 pounds of Springfield Seed Company's Tobacco Dust with each 100 pounds of feed or mash.

1-lb. bag.....	10c	10-lb. bag.....	50c
3-lb. bag.....	25c	25-lb. bag.....	\$1.00
		\$3.00 per 100 lbs., f. o. b. our warehouse.	

10 bag lots, 10c per bag less  
(Packed in 50-lb. paper lined bags.)

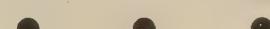
## Wettable Sulphur

An extra fine prepared sulphur. Mixes readily with water in combination with Lime, Arsenate of Lead, etc. This Sulphur is one of the finest and best materials of its kind, as it really stays in suspension and therefore gives the needed results.

4-lb. pkg., 60c; f. o. b. Our Store.

## Superfine Sulphur

325 Mesh. For dusting red spider, mildew on roses: 1 lb., 10c; 3 lbs., 25c; 10 lbs., 70c; 25 lbs., \$1.50, F. O. B. our store.



# Spraying Guide for Fruit

CROPS	INSECTS AND DISEASES	MATERIALS	DILUTIONS		TIME TO SPRAY
			One Gal. of Water	50 Gals. of Water	
PEACH	Scale, Insects and Leaf Curl	Lime-Sulphur Sol. Oil Emulsion or Dry Lime-Sulphur	1 pint 1/4 pint 18-20 teaspoonsful	5-7 gallons 2 gallons 12-15 pounds	Before the buds swell. Add Bordeaux to Oil Emulsion to prevent leaf curl.
	Shot Hole or Fungi	Zinc Sulphate	1 teaspoonful	2 pounds	Combine with petal fall and later sprays
	Curculio	Arsenate of Lead	2 teaspoonsful	3/4 to 1 pound	Use in combination with Dritomic Sulphur on petal fall, shuck and cover sprays.
	Scab and Brown Rot	Dry Mix, Dritomic Sulphur	12-20 teaspoonsful 8 teaspoonsful	5-10 pounds 2 1/2 pounds	1. When most of shucks are off. 2. Two weeks after shucks have dropped. 3. Four weeks before picking if necessary
PLUM	Borers	Paradichlorbenzene Ethylene Dichloride Emulsion	1 oz. 2 in. from trunk of tree Sprinkled around trunk of tree		In the fall or spring. In the fall or spring.
	Scale Insects and Blister Mites	Lime-Sulphur Sol. Dry Lime-Sulphur	1 pint 18-20 teaspoonsful	5-7 gallons 12-15 pounds	Dormant and delayed dormant. When buds begin to swell.
	Psylla, Slugs, Scab and Codling Moth	Bordeaux Mixture or Dry Lime-Sulphur or Lime-Sulphur Sol. with Arsenate of Lead	12-16 teaspoonsful 5-6 teaspoonsful 1/5 pint 3-8 teaspoonsful	6-8 pounds 3-4 pounds 1 1/4 - 1 1/2 gallons 1-1 1/2 pounds	1. Cluster or pink stage. 2. Calyx or petal fall. 3. Two weeks after petals fall.
	Later Codling Moth For Blight at full blossom Blotch	Arsenate of Lead Bordeaux Dritomic Sulphur	3-8 teaspoonsful 12-16 teaspoonsful 3 teaspoonsful	1-1 1/2 pounds 8 pounds 1 pound	Eight to ten weeks after petals fall and as often as necessary to keep fruit covered with Arsenate of Lead, and a fungicide.
CHERRY	Aphids (Plant Lice)	Black Leaf 40	1 teaspoonful	1/2 pint	Combine with other spray and apply when Aphids appear.
	Chewing Insects Black Rot-Mildew	Arsenate of Lead Bordeaux Mixture	2 teaspoonsful 12-16 teaspoonsful	1-1 1/2 pounds 6-8 pounds	1. After the blossoms fall. 2. Ten days to two weeks later.
	Leaf Hopper	Black Leaf 40	1 teaspoonful	1/2 pint	Apply when first nymphs of the Hopper acquire wings.
	Rose-Scale, Cane-Blight, Leaf-Spot and Anthracnose	Dry Lime-Sulphur	9 level tablespoonsful	12 pounds	In spring before growth starts.
APRICOT	Anthracnose	Dry Lime-Sulphur	2 1/2 level tablespoonsful	3 pounds	Just before the bloom.
	Leaf-Spot, Flea Beetle and Leaf-Roller	Pestroy	7 level tablespoonsful	7 pounds	1. Before the blossoms open. 2. As soon as the fruit has been picked

For Efficient and Easy Application Use a Hudson Sprayer. See Page 35.

# Fertilizing Guide for Fruit

USING GRANULAR "AERO" CYANAMID

CROP	HOW AND WHEN TO APPLY	RATE
PEACH PLUM CHERRY APRICOT	Broadcast evenly under and 3 feet or more beyond spread of limbs in tall, (winter in warmer climates), or very early spring at least a month before blooming. Avoid common practice of doubling application on replant, weak, or diseased trees. On sandy and gravelly soils, fall or winter application only is recommended. Do not apply Cyanamid to newly-set trees before end of first growing season.	Fall or early spring after first growing season—2 oz.; 2 yr.—4 oz.; 3 yr.—8 oz.; 4 yr.—1 lb.; 5 yr. and older—1/4 lb. per year of age up to 2 to 3 lbs. per tree. On sandy and gravelly soils apply broadcast over entire area at rate of 200 to 250 lbs. per acre.
APPLE PEAR	Broadcast evenly under and 3 feet or more beyond spread of limbs in fall, (winter in warmer climates), or early spring several weeks before blooming. For sandy and gravelly soils, fall or winter application is recommended. Do not apply Cyanamid to newly-set trees before end of first growing season.	Fall or early spring after first growing season—2 oz.; 2 yr.—4 oz.; 3 yr.—8 oz.; 4 yr.—1 lb.; 5 yr. and older—1/4 lb. per year of age up to 8 lbs. per tree, basis 54 trees per acre. If planted closer than 20 by 40 feet, broadcast 400 lbs. per acre over entire area (300 lbs. per acre on sandy and gravelly soils).
GRAPE	Broadcast evenly over entire area in late fall, or early spring two weeks or more before blooming.	200 lbs. per acre
BLACKBERRY DEWBERRY RASPBERRY	Apply as side-dresser, 12 to 18 inches to side of row, or broadcast evenly in middles in fall, or early spring a month or more before blooming. Avoid letting material fall into crowns.	1 to 1 1/2 lbs. per 100 feet of row, or 150 to 200 lbs. per acre.
STRAWBERRY	New plantings: Broadcast before or after plowing. Old plantings: Side-dress in late fall or early spring. Top-dress down middles before plowing in.	300 lbs. per acre. 100 lbs. per acre. 300 lbs. per acre.

We List Many Good Fertilizers for Various Crops and Plants. See Page 32.

Date	DOMESTIC PARCEL POST RATES On Seeds, Plants, Bulbs, Roots, Tools, etc., within the United States and Possessions.		First pound or fraction	Each additional pound or fraction
Filled by				
Pkgs.				
Weight				
Bags				
Boxes				
	First Zone—Springfield or 50 miles thereof.....	8c	2c	
	Second Zone—Within 50 to 150 miles of Springfield.....	8c	2c	
	Third Zone—Within 150 to 300 miles.....	9c	2c	
	Fourth Zone—Within 300 to 600 miles.....	10c	4c	
	Fifth Zone—Within 600 to 1000 miles.....	11c	6c	
	Sixth Zone—Within 1000 to 1400 miles.....	12c	7c	
	Seventh Zone—Within 1400 to 1800 miles.....	14c	9c	
	Eighth Zone—All over 1800 miles.....	15c	11c	

**PLEASE!**

*Keep a Copy  
of Your Order*

No Plants, Bulbs, Nursery Stock or  
Other Perishable Goods Sent C. O. D.

<b>AMOUNT SENT FOR GOODS.....</b>		
<b>2% SALES TAX, Missouri orders only.....</b>		
<b>POSTAGE EXTRA on items not prepaid.....</b>		
<b>TOTAL.....</b>		

# SPRINGFIELD SEED COMPANY

OFFICE AND WAREHOUSE, 315-17-19 N. MAIN AVE.  
STORE AND FLORAL DEPT., CAMPBELL & WALNUT

# SPRINGFIELD, MISSOURI

Please forward the following ORDER for amount enclosed.

Leave this space blank.

DATE....., 19.....

**NAME.** Mr.  
Mrs.  
Miss .....  
**(Please Print Name and Address)**

**STREET**..... **R. F. D.**..... **Box No.**.....

POST OFFICE..... P. O. Box .....

STATE..... COUNTY.....

**Amount Enclosed**

## **Forward Goods by—**

**MO<sup>N</sup>EY ORDER .....**

**PARCEL POST.....**

CHECK .....  
.....

## EXPRESS

**STAMPS .....**

## FREIGHT

**CASH**

**TRUCK**

(Send no cash or currency unless registered.)

**YOU WILL GREATLY AID US IF YOU WILL ALWAYS ORDER UNDER THE SAME NAME.**

We can send seed by parcel post up to 70 lbs. in all zones. See parcel post rates on other side.

Name of Express Office or Freight Station.....

Did you move? If so please give former address..

The Springfield Seed Company gives no warranty, express or implied, as to the productiveness of any seeds, bulbs or plants it sells and will not be in any way responsible for the crop. Our liability, in all instances, is limited to the purchase price of the seed.

# Hybrid Tea Roses



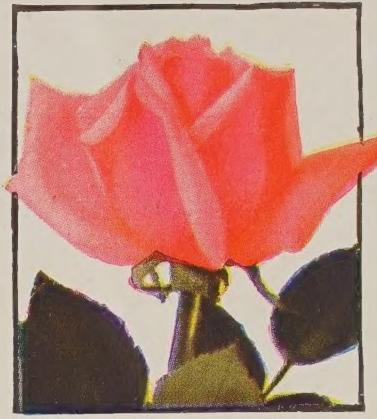
K. A. Viktoria



Pres. Herbert Hoover



Briarcliff



Betty Uprichard



Etoile de Hollande

## ROSES

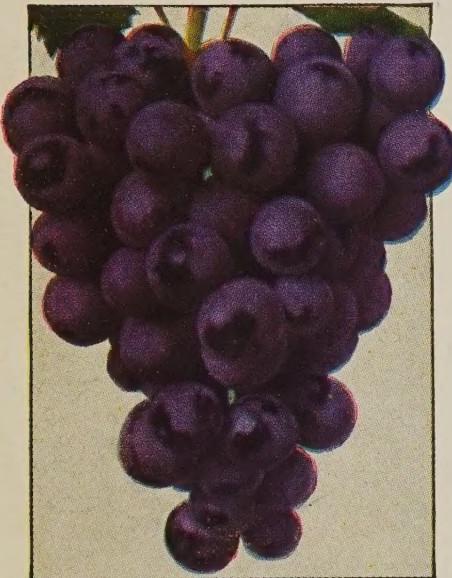
*Two-Year Northern  
Field-Grown Plants*

BLOOMS FROM JUNE TO OCTOBER

(See page 18)

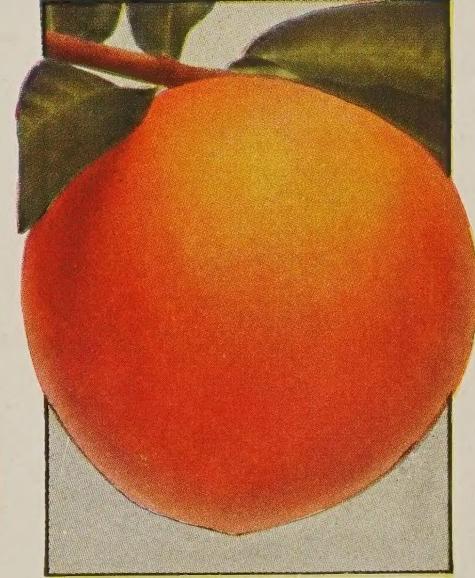
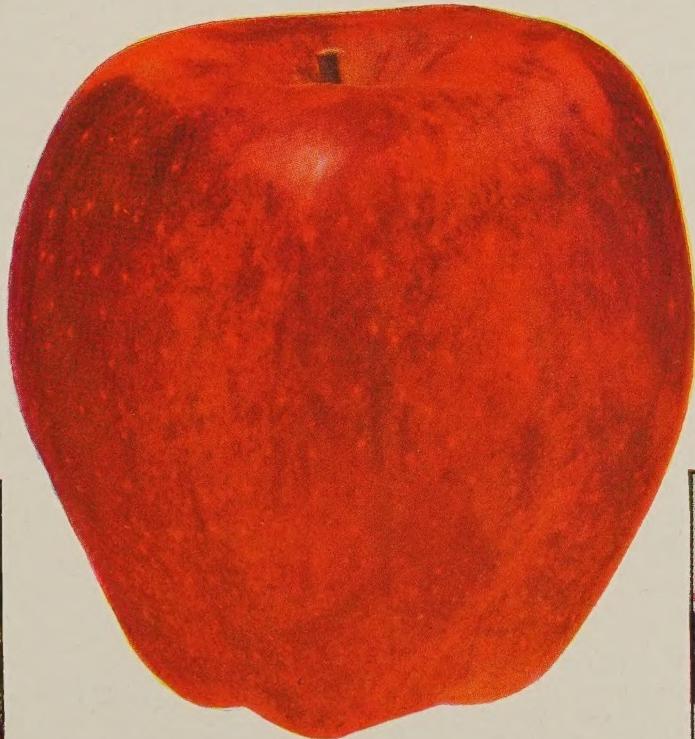


Mrs. E. P. Thom

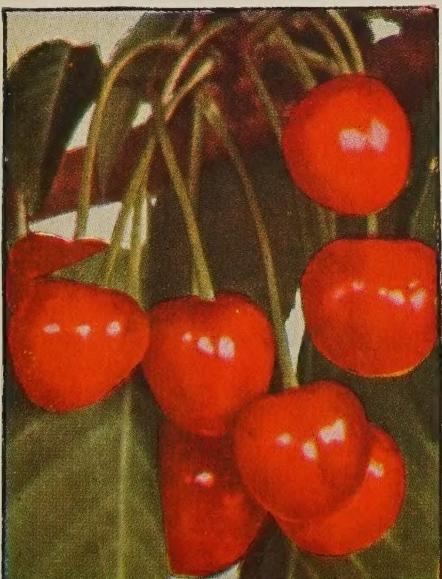


Concord Grapes

## Fruits



Hale Haven Peach

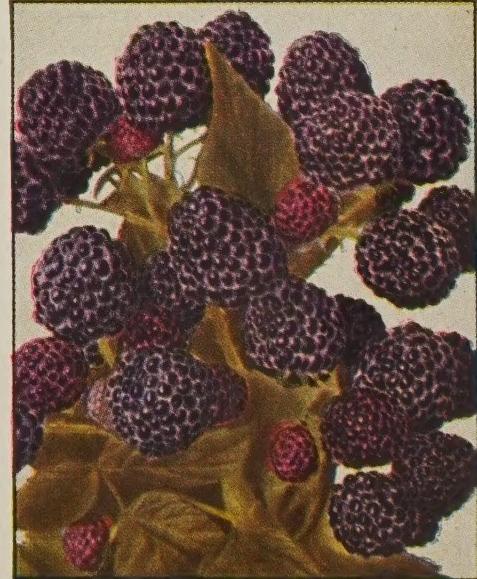


Early Richmond Cherries

### APPLE

**BLOOD-RED DELICIOUS.** Has all of the good qualities of the common Delicious, but colors out a deeper red, and 2 to 3 weeks before the common Delicious begins to take color. This means earlier profits and bigger profits for the grower because of earlier picking, earlier marketing, and more extra fancy grade, with little or no windfalls, and color to get the best prices.

(Fruits—see page 21)



Cumberland Raspberries



MORNING-GLORY, Heavenly Blue

→  
ZINNIA, Lilliput  
DOUBLE LILLIPUT. A  
fine dwarf double Zin-  
nia.



→  
CANNAS, Mixed  
(See page 29)  
RED KING HUMBERT  
YELLOW HUMBERT



GLADIOLUS, Rainbow Mixture (Below)

(See page 29)



SPRINGFIELD SEED CO. •

SPRINGFIELD  
• MISSOURI •